

# **Jacksonville Tree Commission**

**Wednesday August 17, 2022 – 9:30 AM**  
**Ed Ball Building, 10<sup>th</sup> Floor, Conference Room 5**  
**and Zoom**

<b>Commissioners:</b>	Chris Flagg, Chair	<b>Advisors:</b>	Susan Grandin
	Mike Robinson, Vice Chair		Dalton Smith
	Ron Salem		Jose Regueiro
	John Pappas		Justin Gearhart
	Curtis Hart		
	Rhodes Robinson	<b>Staff:</b>	Cindy Chism
	Susan Fraser		

## **AGENDA**

*Order of Agenda is Subject to Change*

- 1. Call to Order - Chair**
- 2. Roll Call and Verification of Quorum – Cindy Chism**
- 3. Submittal of Speaker’s Cards – Chair**
  - a) A raised hand icon as well as waving at the screen will be acknowledged by Chair or Ms. Chism.
  - b) For those attending in person, paper speakers’ cards will be available.
- 4. Reports:**
  - a) Fund balance and encumbrance report for 15(F) (Ordinance Tree Fund), 15(N) (Charter Tree Fund) and BJP (Attachment A) – Jose Regueiro
  - b) Status of Pending Level 2 Tree Projects (Attachment B) – Justin Gearhart
  - c) Fund Status of 630-CITY, Remove & Replace and Level 2 Programs– Justin Gearhart
- 5. Action Items:**
  - a) Approval of Minutes from July 20, 2022 meeting – Chair
  - b) Approval of Minutes from August 4, 2022 Facilitator Strategic Planning Committee – Chair
  - c) Proposed Level 2 Project(s) - None
- 6. Old Business**
  - a) St. John’s Bluff Road Tree Planting Project Update – Justin Gearhart

- b) Level 3 Program Agreement Revisions – Susan Grandin
- c) Palm Tree Committee – Susan Grandin
- d) Facilitator Strategic Planning Committee – Susan Grandin
  - i. Status of MOU to retain the Facilitator
  - ii. Discussion of location for Strategic Planning Session
  - iii. Discussion of dates for Strategic Planning Session
  - iv. Discussion of Public Notice required for Strategic Planning Session
  - v. Review of Partners and Stakeholders List (Attachment C)
    - 1. Discussion of Specific Invitation to be provided to Partners and Stakeholders
- e) Tree Fund Trimming Spending Script (Attachment D) – Justin Gearhart

**7. New Business**

**8. Public Comment**

- 9. Adjournment** – the next meeting is Wednesday, September 21<sup>st</sup> and will be a Hybrid/Zoom meeting in Ed Ball Building, 10<sup>th</sup> Floor, Public Works Office, conference room 5.

Jacksonville Tree Commission  
Wednesday August 17, 2022 – 1:30 PM  
Approved September 21, 2022  
Via Zoom Platform & In Person

**Commissioners  
Present:**

Chris Flagg, Chair  
Mike Robinson, Vice Chair  
Curtis Hart  
John Pappas

**Staff:** Cindy Chism

**Public:** Jameka Smith, COJ  
Fred Pope, Scenic Jax  
Susan Caven, Scenic Jax  
Tracey Arpen, Scenic Jax  
Joe Anderson, JEA  
Mike Zaffaroni, Liberty Landscape  
Kelly O’Leary, Liberty Landscape  
~~Lisa Grubba, Greenscape~~  
~~Nancy Powell, Scenic Jax~~  
Nikki Evans, COJ  
~~Andrew Roman, COJ~~  
Dave McDaniel, COJ

**Advisors:**

Susan Grandin, OGC  
Justin Gearhart, City Arborist

1. **Call to Order** – Chair
2. **Roll Call and Verification of Quorum** – Cindy Chism
3. **Submittal of Speaker’s Cards** – Chair
  - a) A raised hand icon as well as waving at the screen will be acknowledged by Chair or Ms. Chism.
  - b) For those attending in person, paper speakers’ cards are available.
4. **Reports:**
  - a) Fund balance and encumbrance report for 15(F) (Ordinance Tree Fund), 15(N) (Charter Tree Fund) and BJP (Attachment A) – Jose Regueiro
    - i. A meeting with Mr. Regueiro, Mr. Hart and Ms. Grandin will be scheduled to revise the financial reports.
  - b) Status of Pending Level 2 Tree Projects (Attachment B) – Justin Gearhart
    - i. Mr. M. Robinson asked when completed projects get removed from the report. Mr. Gearhart said he hasn’t been given any direction on removing them. They were left on the report as a record of completed projects. Mr. Flagg said they could be removed from the report if they were logged on the Plan-It GEO map. Mr. Pappas agreed keeping a record of completed projects is important, perhaps they could be moved to a separate report and could be given to the Commission quarterly or yearly. The Commissioners all agreed.
  - c) Fund Status of 630-CITY, Remove & Replace and Level 2 Programs– Justin Gearhart
    - i. Level 2 Planting Program has \$9,375,624, 630-City has \$471,198 and Remove & Replace is \$342,587. Remove & Replace and 630-CITY buckets will need to be replenished. Mr. Hart asked for the number of trees planted for 630-CITY to be included in the reporting.

## 5. Action Items:

- a) Approval of Minutes from July 20, 2022 meeting – Chair
  - i. Motion to approve the minutes made by Mr. Hart, seconded by Mr. Pappas, none opposed.
- b) Approval of Minutes from August 4, 2022 Facilitator Strategic Planning meeting – Chair
  - i. Motion to approve the minutes made by Mr. Hart, seconded by Mr. M. Robinson, none opposed.
- c) Proposed Level 2 Project(s) - None

## 6. Old Business

- a) St John’s Bluff Road Tree Planting Project Update – Justin Gearhart
  - i. Due to concerns about tree proximity to intersections, the plan was changed to keep all trees 100 ft. from intersections in the instance. This measurement will be used as a guideline for all future projects. FDOT requires 200 ft. on roadways with a speed limit of over 45 mph. Most City roadways do not fall into this category. Mr. Pappas pointed out FDOT has a “green book” with addresses limitations for local roadways. As a policy, the City follows those guidelines.
  - ii. What those guidelines did to the plan; some trees were removed, 1 Winged Elm, 2 American Elm and 4 Longleaf Pines, the rest were re-added farther down the road, still within the project area. As a result, total trees for the project is now 189 from 196.
- b) Level 3 Program Agreement Revisions – Deferred - Susan Grandin
- c) Palm Tree Subcommittee (Proposed Ordinance is in the packet) – Susan Grandin
  - i. The point is to address the measurement of palm trees and some of the definitions of palm trees for CM Salem. In trying to focus on only those items, there is some bleed over into the Landscape Ordinance Code. Highlighted language requires a policy decision:
    - 1. Page 6, lines 24 continued to page 7 line 8 – lines are struck. The word drainage is highlighted under public protected tree. If it’s a drainage easement, the trees should not be protected, they should be able to be removed. Rather than protect them and then exempt them, we just didn’t protect them. Under the definition of Protected Trees within rights-of-way and easements we did not list drainage easements; listed are sewer, water, and other public utilities. Mr. Pappas asked if drainage isn’t listed would it be included in other public utilities? Ms. Grandin said she didn’t know but we could specifically say it. Mr. Pappas agreed. Drainage should not be removed.
    - 2. Mr. Hart pointed out that if a tree is not interfering in the drainage system, why would it be cut down. Mr. Pappas pointed out that the easement is typically designed to accommodate our infrastructure and the ability to maintain it, so we want them cleared. The fact that we can’t keep them cleared is unfortunate. The goal is to clear them when there is a blockage.
    - 3. Mr. Hart agreed trees in drainage areas should be exempt but there should be some thought given if a sight needs to be completely cleared or is the system functioning adequately. For instance, the TOPO drops from 65 to 54 over 1320 ft., with a 9 ft. drop, the system is working. Mr. Pappas agreed but added there could also be extensive erosion occurring which may require

tree removal because it's so steep and the velocities so high, to stabilize the side bend or other area. Mr. Hart just wants some thought given to leaving the tree or trees if possible. Mr. Pappas didn't disagree but pointed out then there is that homeowner who says he's losing his fence and Public Works can't get back there to correct it because of all the trees. Mr. Flagg said it starts with the placement of the trees but those are usually naturally occurring, so it becomes a balance.

4. Mr. Joe Anderson said JEA has utility corridors that even if the trees are not interfering with the utility itself but does interfere with the access and ability to maintain it, such as mowers, then those are kept clear.
5. Mr. Arpen said he believes the language in the Charter about drainage exemptions addresses what Mr. Anderson said, "exemptions for drainage easements, City drainage right-of-way, City access right-of-way, including roads rights-of-way, where trees must be removed as reasonably necessary to provide access to or maintenance and or construction of the City's drainage ditches and drainage related facilities.
6. Ms. Susan Caven said the heat index study, which should be released in September, and the talk about resiliency, maybe more emphasis should be given to work the tree is doing for the community. Let's try to save the tree rather than let's get rid of it, change the attitude.
7. Mr. McDaniel believes the department is very selective on what we must do to make the system function properly. A lot of thought is given before determining to completely clear an area. Mr. Pappas agreed.
8. Mr. Flagg agreed, there are drainage easements which are beautiful and like creeks. However, it's a 2-step process, sometimes it's sprayed to take the brush down and sometimes there's machinery which keeps the depth open.
9. Mr. Arpen pointed out another area being under utilized for tree planting is retention ponds.
10. Ms. Grandin is going to change the language to make all drainage easements exempt.
11. Pages 13-14, beginning with line 22 (items 6 and 7) – Ms. Grandin posited these items were inserted into the Code to "grandfather in" developers which had plans already in progress.
12. Mr. Arpen said that this language was inserted to exclude developers but the Charter overrides this and puts this in again but only for trees over 24" or larger in the right-of-way. # 7 on page 14 exempts them from paying mitigation but then the Charter overrides that. The Charter and Code should be reconciled.
13. Ms. Grandin asked what the Commission wanted to do, leave items 6 & 7 alone? Mr. Flagg asked what's the point of clarification we need to ensure, reconciliation between the Ordinance and Charter? Ms. Grandin replied there are several differences between the Charter and the Ordinance Code. The Charter only protects trees 11.5" DBH, except for the buffer. Items 6 & 7 are not being enforced, Mr. Hart suggested meeting with Paul Davis, Chief of Planning & Development and interpret these 2 items.
14. Page 16, Item (9), Line 11 – Mr. M. Robinson does not want the suggested strike out. This gives an easy out, instead of planting hardwoods, plant a bunch of palms. Palms could be used to

replace palms but not other species. Mr. Flagg agreed, we need more hardwood canopy. This item is talking about palms brought into the sight may not used for mitigation more than how many CT feet removed.

15. Page 20, line 13 – permit fees are now listed online.
16. Page 23, (c), lines 11-14 – the question is why would we exclude palm trees? Mr. Pittman suggested that because the palm trees were now going to be measured correctly and they were going to be protected, that they could be used for credit if it was saved. Mr. Hart disagrees, and Mr. M. Robinson pointed out that Table 1, referenced in the Ordinance, doesn't address palm trees, it's all DBH, not clear trunk. Ms. Grandin agreed and said that palm trees would have to be added to Table 1. Mr. Hart said if palms could be saved, they should be. Mr. Flagg agreed, they are easy to move. Ms. Grandin said she would change the wording to read "including palm trees" and change Table 1 to reflect adding palm trees.
17. Page 24, (ii) lines 26-29 – add "however they cannot exceed 25% of the overall canopy." Ms. Grandin continued, the question becomes can palms be substituted for required trees other than shade trees or any tree. Mr. Flagg asked since palms are limited to a percentage that is an overall design decision. Ms. Grandin said what this is asking is not the percentage of what can be put in the plan but what they can be substituted for, this isn't the place for the percentage which is in the requirements. This section is the general criteria for trees, what shade trees are and what palm trees are. Mr. Hart suggested putting it in the right place and then properly stating it; the intent is to allow some substitution but no greater than 25% of the overall canopy. Ms. Grandin also pointed out that the palm trees should be "clustered."
18. Page 25, (a), line 15 – Mr. Zaffaroni suggested this would be a good time to insert the word "dactyliferous" where Phoenix Palm is referred to, there are a lot of different Phoenix Palms.
19. Ms. Grandin will update the suggested Ordinance with the noted changes and it will be discussed at the next meeting.

**d) Strategic Planning Committee – Susan Fraser**

- i. Status of MOU to retain the Facilitator – the parties will be the City, KBT & Associates, Scenic Jacksonville, Northeast Florida Builder's Association (NEFLBA), Greenscape and Public Trust Environmental Legal Institute. The total fee for 3 4-hour sessions is \$4000: with the non-profits contributing \$333 each and NEFLBA contributing \$2001 for the first session. NEFLBA will cover the second session and the non-profits will cover the third session (split equally).
  1. Mr. Flagg asked about the agenda for the sessions. Ms. Chism said the Committee would put together an outline and the bring it to the Commission for approval. Mr. Flagg said the first session will be basically a programming, setting the tone meeting. We need to make sure we go into the meeting with items to address.
  2. Ms. Fraser suggested (via email read by Ms. Grandin) the first session be lots of people, mostly background discussions. Invite the non-profit partners and NEFLBA to make a presentation perhaps 10 minutes each. Staff presentation/data. Resiliency Chief presents on behalf of the City's overlapping goals related to Sustainability. Tree Commission Duties, public comment, then wrap up with organizing themes and direction to read new information and be prepared for the second session. 1 week or 10 days later, the second session. Strategic discussions,

Commissioners speak, organizing themes. Facilitator led consensus building. 1 week later, the third session to wrap up with summary/report. Perhaps this session addresses resources needed to accomplish the activities identified and included in the report (alternatively, a recommendation for a staffing study). This may need a longer break between the sessions based on Ms. Littlefoot's input.

3. Motion made by Mr. M. Robinson to approve the parameters laid out for the MOU, seconded by Mr. Pappas, none opposed.
- ii. Discussion of location for Strategic Planning Session – will need to be large so all the stakeholders, and City Departments can attend. Ms. Chism will investigate the Library and the Lynwood Roberts Room in City Hall.
- iii. Discussion of dates for Strategic Planning Session – Ms. Chism will send out doodle polls for the sessions. The first session will be scheduled for October 6th depending on the room. Mr. Hart is out of town the last 2 weeks of October. The timing will be 10am to 2pm and include lunch. Mr. Hart volunteered the NEFBA to find sponsors to provide lunch. The second and third sessions will be in the first and second weeks of November.
- iv. Discussion of Public Notice required for Strategic Planning Session
- v. Review of Partners and Stakeholders List (Attachment C)
  1. Discussion of Specific Invitation to be provided to Partners and Stakeholders – Mr. Flagg suggested this session will give the invitees a platform to discuss what their expectations and overview is and how can the Tree Commission assist.
- e) Tree Fund Trimming Spending Script (Attachment D) – Justin Gearhart
  - i. Mr. Joe Anderson said the International Society of Arboriculture (ISA) is veering away from using the word trimming and instead using pruning.

## **7. New Business**

## **8. Public Comment**

- a) None.

9. **Adjournment** – the next meeting is scheduled for Wednesday, September 21, 2022 at 9:30am and will be a Hybrid/Zoom meeting in Ed Ball Building, 10<sup>th</sup> Floor, Public Works Office, conference room 5.




**TREE MITIGATION**  
CITY OF JACKSONVILLE




**TREE FUND CITY PLANTING PROJECTS**

Click here to search detailed information about City Tree Fund Planting Projects.



**TREE REMOVAL PERMIT INFORMATION**

Click here to search detailed information on Site Cleaning and Tree Removal Permits in reviewing tree removal information on a specific permit. For "B" permits click on the Spec 2 tab, for "L" permits click on the Tree Mitigation tab



**FILE AN ISSUE**

Click here to report site clearing or tree removal without a permit, or to request tree maintenance on public property. In the CARE System, select "Tree Remove or Landscape Violation" from the dropdown



**AVAILABLE FOR APPROPRIATION**

15F (Ordinance): \$8,357,991.82  
 15N (Charter): \$7,638,355.51  
 Better Jacksonville Plan - Tree Mitigation Project: \$1,717,826.00  
**Total: \$17,714,173.33**

*Disclaimer: The AVAILABLE FOR APPROPRIATION information shown on this page is updated nightly from the City's financial records, but does not include any pending appropriations, or other financial transactions of the funds which have not been completed.*



**City of Jacksonville**  
**Tree Commission**  
**Financials Combined**  
**August 15, 2022**

Cash \$ 33,791,228.86

Accounts Payable \$ -

Fund Balance \$ (25,100,556.30)

YTD Gain\Loss \$ (8,690,672.56)

Adjusted Fund Balance \$ (33,791,228.86)

	<u>Actuals</u>		<u>Budget</u>
	<u>22-Aug</u>	<u>YTD</u>	<u>YTD</u>
<u>Revenues</u>	\$ 72,290.00	\$ 11,617,559.52	\$ 8,400,127.00
<u>Expenses</u>	\$ (15,770.75)	\$ 2,483,664.06	\$ 23,979,577.00
Better Jacksonville Project 1717826			\$ 1,717,826.00
Budgeted Reserve			\$ 3,701,030.00
<u>Net</u>	<u>\$ 88,060.75</u>	<u>\$ 9,133,895.46</u>	<u>\$ (15,579,450.00)</u>

Available Balance Total \$ 17,714,171.92 Unappropriated Funds

**City of Jacksonville**  
**Tree Commission**  
**Ordinance - 15304 - Tree Protection & Related Expenditures**  
**August 16, 2022**

Equity in Pooled Cash                                 \$ 26,107,275.78

Accounts Payable

Fund Balance   \$ (18,126,381.08)  
 YTD Gain\Loss   \$ (7,980,894.70)  
Adjusted Fund Balance                                 \$ (26,107,275.78)

	<u>Actuals</u>		<u>Budget</u>
	<u>22-Aug</u>	<u>YTD</u>	<u>YTD</u>
<u>Revenues</u>	\$ 48,930.00	\$ 10,907,781.66	\$ 8,400,127.00

NOTE: Increase in YTD is related to Fund Balance transfer for BT ORD 22-415 in the amount of \$6,000,000.00

<u>Expenses</u>	\$ (15,770.75)	\$ 2,483,664.06	\$ 23,933,978.23
Budget Reserve			\$ 3,701,030.00
<u>Net</u>	<u>\$ 64,700.75</u>	<u>\$ 8,424,117.60</u>	<u>\$ (19,234,881.23)</u>

Available Balance Total                                 \$ 8,357,991.61                                 Unappropriated 15304 Funds

**City of Jacksonville**  
**Tree Commission**  
**Charter - 15305- Tree Mitigation & Related Expenditures**  
**August 16, 2022**

Equity in Pooled Cash                      \$ 7,683,953.08

Accounts Payable

Fund Balance                                      \$ (6,974,175.22)  
 YTD Gain\Loss                                      \$ (709,777.86)  
Adjusted Fund Balance                              \$ (7,683,953.08)

	<u>Actuals</u>		<u>Budget</u>
	<u>22-Aug</u>	<u>YTD</u>	<u>YTD</u>
<u>Revenues</u>	\$ 23,360.00	\$ 709,777.86	
<u>Expenses</u>	\$ -		\$ 45,598.77
<u>Net</u>	<u>\$ 23,360.00</u>	<u>\$ 709,777.86</u>	<u>\$ (45,598.77)</u>

**Available Balance Total**                      \$ 7,638,354.31                      Unappropriated 15305 Funds

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Budget Balance of Appropriated Expenditures		FY22 Budget	FY 22 Expenditures	Open Purchase Orders	Remaining Balance
Center	Activity				
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000189-5Th & Cleveland Ash Site Tree Planting	6,593.80	-	6,593.80	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000275-Brown's Dump Ash Site Tree Planting	884.25	-	884.25	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000378-County-Wide Tree Prog-Right Of Way	2,192,787.27	981,372.88	773,072.49	438,342
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000429-Duval County School Board Property	92,243.50	-	-	92,244
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000541-Hammond Blvd Project	35,140.70	8,237.90	16,619.80	10,283
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000604-Intersec,Bridge,Misc 09-10 Landscaping	18,467.68	-	-	18,468
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000651-King St Planting College To Park	8,724.53	-	8,724.53	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000744-North Main Street Landscaping	9,155.68	-	-	9,156
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000982-Tree Protection & Related Expenses	1,436,949.08	-	-	1,436,949
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001035-Mandarin Road Tree Planting	74,601.00	-	-	74,601
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001036-Springfield Preservation Tree Planting	220,408.45	8,822.37	369.41	211,217
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001315-Level 2 Tree Planting Program	12,434,789.19	956,565.46	1,848,220.14	9,630,004
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001316-Moncrief Rd Beautification Project	180,705.21	13,455.11	27,011.48	140,239
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001345-District 8 Tree Planting	52,767.40	52,767.40	-	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001606-Sulzbacher Village Level 3 Tree Planting	20,752.30	2,594.90	7,769.90	10,388
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001607-Hugenot Park Level 3 Tree Planting	72,207.20	-	72,207.20	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001623-Level 3 Tree Planting Program	825,213.40	10,888.85	265,073.90	549,251
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	All Activity Values	17,682,390.64	2,034,704.87	3,026,546.90	12,621,138.87
151016-PWOD Forrest Street Ash Site Tree Planting - Conservation and Resource M	All Activity Values	5,994.50	-	5,994.50	-
151132-PWOD County-Wide Tree Prog-Active Parks - Conservation and Resource Manag	All Activity Values	532,545.04	-	-	532,545
151135-PWOD County-Wide Tree Prog-Preservation Parks - Conservation and Resource	All Activity Values	514,854.00	-	-	514,854
154006-PWML Tree Maintenance - Other Physical Environment	All Activity Values	373,253.63	120,037.94	244,035.89	9,380
154007-PWML 630-City Tree Planting Prog - Other Physical Environment	All Activity Values	1,517,703.84	224,898.36	734,740.04	558,065
154008-PWML Patton Rd And Beach Blvd Tree Planting - Conservation and Resource M	All Activity Values	9,428.34	9,428.34	-	-
154009-PWML Zoo Landscaping-Asian Exhibit - Conservation and Resource Management	All Activity Values	1,031,432.38	-	-	1,031,432
191015-JXSF Conservation and Resource Management	00000981-Tree Protection & Related Expenditures-Activity	2,266,375.86	-	-	2,266,376
All Center Values	All Activity Values	23,933,978.23	2,389,069.51	4,011,317.33	17,533,591.39
153104-PWCP Public Works Capital Projects - Road and Street Facilities	Better Jacksonville Plan Project 008449	1,717,826.00	-	-	1,717,826

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# CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

ATTACHMENT B

Visit <https://pg-cloud.com/jacksonvilleFL/> for City of Jacksonville Tree Project Maps  
 Visit [jartreemitigation.coj.net](http://jartreemitigation.coj.net) - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Year	Status	Appropriation Amount	Obligated	Contract/Warranty
1 Kensington Association HOA Director	54 trees requested within Kensington Lakes city right of ways along Kensington Gardens Blvd. and Kensington Lakes Dr to replace trees lost due to storm damage/disease; may include removals. Planting Plan pending.	2019	Maintenance/Warranty Complete	\$124,202.62	\$124,202.62	Davey -1/yr
2 Cathedral District Tree Planting	50+ trees requested as Cathedral District (CD7) tree planting, may include removal of damaged/diseased trees. City right of way tree plantings within general proximity but not limited to State St to Catherine St. to Main St. to Adams St.; site evaluation scheduled	2020	Maintenance/Warranty Complete	\$120,371.14	\$120,371.14	Liberty 2/yr
3 Executive Director, Tree Hill Nature Center	22 trees requested in Tree Hill amphitheater parking area; site plan complete; no removals required; ready for review pending cost estimate per new countywide tree planting contract.	2019	Maintenance/Warranty Complete	\$21,472.80	\$21,472.80	Liberty 3/mos
4 San Marco Preservation Society and Greenscape, San Marco Tree Planting	102 Trees requested in city right of ways within District 5, includes removal of damaged/diseased trees; site evaluation scheduled	2019	Maintenance/Warranty Complete	\$247,749.52	\$247,749.52	Davey -1/yr
5 Sheffield Elementary School PTA President	10 Trees requested to provide shade for existing play area/field at Sheffield Elementary School; site visit complete - pending design and review.	2019	Maintenance/Warranty Complete	\$20,414.48	\$20,414.48	Davey -1/yr
6 S-Line Biodiversity Corridor Tree Planting	Installation of 25 trees throughout the S-Line Trail Biodiversity Corridor. This will offer additional tree canopy and shade to the trail.	2019	Maintenance/Warranty Complete	\$30,949.40	\$30,949.40	Liberty 3/mos
7 Canopy Place Tree Planting/resident request	Installation of 40 trees in city right of ways and medians to provide additional tree canopy, sound buffer and screening.	2020	Maintenance/Warranty Complete	\$117,483.97	\$117,483.97	Davey -1/yr
8 Sunrise Ridge/resident request	Installation of 40 tree in city right of ways to increase tree canopy as well screening and buffer from adjacent highway.	2020	Maintenance/Warranty Complete	\$107,316.52	\$107,316.52	Davey -1/yr
9 Jacksonville Beach Golf Park/jax Beach	Installation of 156 trees in city golf course park to increase tree canopy, create screening, and attract wildlife.	2020	Maintenance/Warranty Complete	\$147,562.80	\$147,562.80	Liberty 3/mos
10 Yates Building - Cultural Council of Greater Jacksonville	8 Trees to be installed around renovated fountain at building entrance	2020	Maintenance/Warranty Complete	\$38,312.00	\$38,312.00	Liberty 2/yr
11 City Cemetery - citizen request	18 Trees in right of ways on Ionla St. and Jessie St.	2020	Maintenance/Warranty Complete	\$41,350.50	\$41,350.50	Liberty 2/yr
12 Baymeadows East Association Tree Planting	119 Trees in right of ways and medians on Baymeadows East and Fort Family Regional Park	2020	Maintenance/Warranty Complete	\$284,900.07	\$284,900.07	Davey -1/yr

## CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

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Requesting Entity	Project Scope		Status	Appropriation Amount	Obligated	Contract/Warranty
13 Cobblestone Homeowners Association/residential requests/HOA	Installation of 105 trees in city right of ways and medians to provide additional tree canopy, sound buffer and screening.	2020	Installation Complete	\$191,322.00		Liberty 2/yr
14 Ed Austin Park Tree Planting/Resident request	115 Trees in right of ways around and within Willowbranch Park	2020	Installation Complete	\$214,822.00		Liberty 2/yr
15 Neptune Beach/Residential requests - City of Neptune	Trees within residential Right of Ways - 47 trees	2020	Maintenance/Warranty Complete	\$55,490.00	\$55,490.00	Liberty 3/mos
16 Nathan Krestul Park - Friends of Krestul Park	Trees within Park - 34 trees	2020	Installation Complete	\$95,580.00		Liberty 2/yr
17 John Gorrie Dog Park/Friends of John Gorrie Dog Park	Trees along Park Right of Way - Buffer - 11 Trees	2021	Installation Complete	\$23,166.00		Liberty 2/yr
18 Alexandria Oaks Park/SMPS and Bolles School request	Trees within Park - 15 trees	2020	Installation Complete	\$28,593.00		Liberty 2/yr
19 Huntington Forest Park/Resident request to CM	Trees along Park Right of Way - Buffer - 15 trees	2020	Installation Complete	\$28,026.00		Liberty 2/yr
20 Love Grove/Willowbranch	Trees in right of ways around and within Willowbranch Park - 51 Trees	2021	Phase 1 Complete	\$93,742.00		Liberty 2/yr
21 Greenland Park/residents adjacent to park	Trees within Park - 53 trees	2021	Installation Complete	\$95,580.00		Liberty 2/yr
22 Harlow Blvd./Resident request	Trees within median on Harlow Blvd. - 47 trees	2021	Installation Complete	\$102,804.00		Liberty 2/yr
23 Atlantic Beach/City of Atlantic Beach	Trees within Atlantic Beach residential Right of Ways and Parks - 96 trees	2021	Installation Complete	\$194,532.00		Liberty 2/yr
24 Lake Mandarin HOA Tree Planting/Resident request	Trees within 4 HOA's residential Right of Ways and Parks - 94 trees	2021	Installation Complete	\$190,168.00		Liberty 2/yr
25 Tom Marshall Park/Sports Association	Trees within ballpark and right of ways - 39 trees	2021	Installation Complete	\$69,336.00		Liberty 2/yr
26 Boat Ramps/Waterfront Management	Trees within 7 boat ramps and parks - 62 trees	2021	Installation Complete	\$111,132.00		Liberty 2/yr



## CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

Visit <https://pg-cloud.com/jacksonville/fl/> for City of Jacksonville Tree Project Maps  
 Visit [jastreemitigation.coj.net](http://jastreemitigation.coj.net) - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope		Status/Warranty	Appropriation Amount	Obligated	Contract/Warranty
27 Freedom Park/CM & Parks	Trees within newly established park (irrigated) - 38 trees	2021	Maintenance/Warranty Complete	\$38,548.00	\$38,548.00	Liberty 3/mos
28 Blue Cypress Park Restoration/Parks	Trees within park - field restoration - 157 trees	2021	Maintenance/Warranty Complete	\$187,154.40	\$187,154.40	Liberty 1/yr
30 Reddie Point Park/CM and Parks	Trees within park - field restoration - 27 trees	2021	Installation Complete	\$53,055.00		Liberty 2/yr
31 Twin Lakes Academy ES/School	Trees within school grounds and ROW - 66 trees	2022	Installation Complete	\$122,553.00		Liberty 2/yr
32 Atlantic Beach/City of Atlantic Beach Phase 2	Trees within Atlantic Beach residential Right of Ways and Parks - 133 trees	2021	Maintenance/Warranty Complete	\$164,404.80	\$164,404.80	Liberty 3/mos
33 Kernan Blvd./CM	Trees within medians and Row of Kernan Blvd. - 132 trees	2021	Installation Complete	\$276,722.50		Liberty 2/yr
34 Amelia View/residential	Trees within medians and ROW in Amelia View community - 73 trees	2021	Installation Complete	\$145,395.00		Liberty 2/yr
35 Whitehouse Park/Parks and residential	Trees within play area and recreational fields. - 29 trees	2022	Installation Complete	\$54,594.00		Liberty 2/yr
36 Baker Point Park/Parks and residential	Trees within park undergoing improvements - 8 trees	2022	Installation Complete	\$17,091.00		Liberty 2/yr
38 Fort Caroline Rd. Tree Planting	Trees within right of way along Fort Caroline Rd. 66 trees	2022	Installation Complete	\$165,793.50		Liberty 2/yr
39 Norfolk Soutel Tree Planting	Trees within medians and right of way along Norfolk Blvd. 36 trees	2022	Installation Complete	\$85,000.00		Liberty 2/yr
40 Jax Beach Park and ROW	Trees within parks and right of way. 150 trees	2022	Installation Complete	\$277,789.50		Liberty 2/yr
41 Gold Star Family Memorial Highway	Trees within retention pond and right of way. 200 trees	2021	Installation Complete	\$466,296.00		Liberty 2/yr
42 Northbank Riverwalk	Trees along trail and riverside of Northbank Riverwalk/Geffen Park area. 68 trees	2022	In Progress	\$138,801.00		Liberty 2/yr
43 Jarboe Park	Trees along play areas and trails of Jarboe Park. 76 trees	2022	Installation Complete	\$145,918.00		Liberty 2/yr
44 Columbia Pkwy Retention Pond	Trees along play areas and trails of Jarboe Park. 29 trees	2022	In progress	\$51,840.00		Liberty 2/yr
45 Fishweir Park	Trees along nature trail. 21 trees	2022	on hold until Fall	\$40,014.00		Liberty 2/yr
46 District 7 Parks	55 trees.	2022	Scheduling	\$106,000.00		
47 District 5 Parks	195 Trees	2022	Scheduling	\$452,600.00		
48 Deerwood	Trees along median. 43 trees	2022	Scheduling	\$86,319.00		Liberty 2/yr

1 Introduced by Council Member Salem:

2 Highlighted language is policy decision.

3  
4 **ORDINANCE 2022-**

5 AN ORDINANCE AMENDING CHAPTER 656 (ZONING CODE,  
6 PART 12 (LANDSCAPE AND TREE PROTECTION  
7 REGULATIONS), SUBPART A (GENERAL PROVISIONS),  
8 SECTION 1203 (DEFINITIONS), *ORDINANCE CODE*, TO  
9 CLARIFY THE DEFINITION OF TREE TO INCLUDE PALM  
10 TREES

11  
12 MEASUREMENT OF PALM TREES AND ...

13  
14 ; AMENDING CHAPTER 656 (ZONING CODE, PART 12  
15 (LANDSCAPE AND TREE PROTECTION REGULATIONS),  
16 SUBPART B (TREE PROTECTION), SECTION 1206  
17 (PERMIT PROCEDURE AND CRITERIA FOR TREE REMOVAL,  
18 RELOCATION AND REPLACEMENT OF PROTECTED TREES),  
19 *ORDINANCE CODE*, TO ...

20  
21 ;AMENDING CHAPTER 656 (ZONING CODE, PART 12  
22 (LANDSCAPE AND TREE PROTECTION REGULATIONS),  
23 SUBPART C (LANDSCAPING REQUIREMENTS), ???????

24  
25 PROVIDING AN EFFECTIVE DATE.

26  
27 **BE IT ORDAINED** by the Council of the City of Jacksonville:

28 **Section 1. Amending Section 656.1203 (Definitions),**  
29 **Subpart A (General Provisions), Part 12 (Landscape and Tree Protection**  
30 **Regulations), Chapter 656 (Zoning Code), Ordinance Code. Section**  
31 **656.1203, Ordinance Code, is hereby amended to read as follows:**



CHAPTER 656 - ZONING CODE

\* \* \*

PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS

\* \* \*

SUBPART A. - GENERAL PROVISIONS

\* \* \*

Sec. 656.1203. - Definitions.

For purposes of this Part, in addition to the following terms or words, the definitions provided for in Part 16 shall apply. If the definitions contained in this Section at any time conflict with the definitions contained in Part 16, the more restrictive definition(s) shall apply. As used in this Part:

~~(a)~~ *Annual consumptive use* means the yearly amount of water applied to the landscape.

~~(b)~~ *Automatic controller* means a mechanical or electronic timer, capable of operating valve stations to set the days and length of time of a water application.

~~(c)~~ *Bona-fide agricultural purposes* means the use of land for bona fide agricultural purposes as described in F.S. § 193.461, provided the land is classified for assessment purposes by the property appraiser as "agricultural", pursuant to F.S. Ch. 193.

~~(d)~~ *Buffer yard or strip* means a strip of land, identified on a site plan or by zoning ordinance requirement, established to protect one type of land use from another land use that may be incompatible. The area is landscaped, maintained and kept in open space.

~~(e)~~ *Caliper* means the trunk diameter of ~~planted~~ nursery stock trees. Caliper shall be measured six inches above the ground for trees up to and including four inches in caliper, and measured 12 inches above the ground for trees exceeding four

1 inches in caliper. ~~If the tree has a very enlarged irregular~~  
2 ~~base, then the caliper measurement shall be taken up where the~~  
3 ~~trunk has a more regular circumference, but in no case higher~~  
4 ~~than four and one-half feet above the ground.~~ If the tree forks  
5 between ground level and one foot above ground level, then the  
6 tree shall be considered a multi-trunked tree. Caliper for  
7 multi-trunked trees shall be determined by measuring each  
8 trunk immediately above the fork and adding the total caliper  
9 of the four largest trunks. (See also and compare definition  
10 of DBH in ~~subsection (nn) of this Section.~~)

11 Clear Trunk ("CT") means the height of a palm tree measured  
12 from the top of the root ball to a point where the lowest  
13 untripped leaf's petiole diverges from the trunk (typically  
14 this is the bottom of the first row of fronds).

15 ~~(f)~~ *Cultivated landscape area* means planted areas that are  
16 frequently maintained by mowing, irrigating, pruning,  
17 fertilizing, etc.

18 ~~(g)~~ *Development* means any proposed material change in the use or  
19 character of the land, including, but not limited to, land  
20 clearing associated with new construction, the placement of  
21 any structure or site improvement on the land, or expansion of  
22 existing buildings.

23 ~~(h)~~ *Drip line* means a vertical line extending from the outermost  
24 branches of a tree to the ground.

25 ~~(i)~~ *Ecosystem* means a characteristic assemblage of plant and  
26 animal life with a specific physical environment, and all  
27 interactions among species and between species and their  
28 environment.

29 ~~(j)~~ *Emitter devices* means devices which are used to control the  
30 applications of irrigation water. This term is primarily used  
31 to refer to the low flow rate devices used in microirrigation

1 systems.

2 ~~(k)~~ *Ground cover* means a low-growing herbaceous or woody plant  
3 other than turf, not over two feet high, used to cover the  
4 ground.

5 ~~(l)~~ *Hedge* means a landscape barrier consisting of a continuous,  
6 dense planting of shrubs.

7 ~~(m)~~ *Infiltration rate* means the rate of water entry into the soil  
8 expressed as a depth of water per unit of time (inches per  
9 hour).

10 ~~(n)~~ *Irrigation system* means a permanent, artificial watering  
11 system designed to transport and distribute water to plants.

12 ~~(o)~~ *Landscaped area* means the entire parcel less the building  
13 footprint, driveway, nonirrigated portions of parking lots,  
14 hardscapes such as decks and patios, and other nonporous areas.  
15 Water features are included in the calculation of the  
16 landscaped area.

17 ~~(p)~~ *Landscaping* means any combination of living plants (such as  
18 grass, groundcover, shrubs, vines, hedges, or trees) and  
19 nonliving landscape material (such as rocks, pebbles, sand,  
20 mulch, walls or fences).

21 ~~(q)~~ *Microirrigation (low volume)* means the frequent application of  
22 small quantities of water directly on or below the soil  
23 surface, usually as discrete drops, tiny streams, or miniature  
24 sprays through emitters placed along the water delivery pipes  
25 (laterals). Microirrigation encompasses a number of methods or  
26 concepts including drip, subsurface bubbler, and spray  
27 irrigation.

28 ~~(r)~~ *Mulch* means nonliving organic materials customarily used in  
29 landscape design to retard erosion and retain moisture.

30 ~~(s)~~ *Native vegetation*. See *Vegetation, native*.

31 ~~(t)~~ *Naturally occurring existing plant communities*. See

1 Vegetation, native.

2 ~~(u)~~ *Open space* means all areas of natural plant communities or  
3 areas replanted with vegetation after construction, such as  
4 revegetated natural areas; tree, shrub, hedge or ground cover  
5 planting areas; and lawns, and all other areas required to be  
6 provided as natural ground and landscaping pursuant to the  
7 Zoning Code.

8 ~~(v)~~ *Perimeter landscape* means a continuous area of land which is  
9 required to be set aside along the perimeter of a lot in which  
10 landscaping is used to provide a transition between and to  
11 reduce the environmental, aesthetic and other impacts of one  
12 type of land use upon another.

13 ~~(w)~~ *Pervious paving materials* means a porous asphaltic or concrete  
14 surface and a high-void aggregate base which allows for rapid  
15 infiltration and temporary storage of rain on, or runoff  
16 delivered to, paved surfaces.

17 ~~(x)~~ *Plant community* means a natural association of plants that are  
18 dominated by one or more prominent species, or a characteristic  
19 physical attribute.

20 ~~(y)~~ *Preserve areas* means vegetative areas required to be preserved  
21 under the jurisdiction of the Florida Department of  
22 Environmental Regulation, St. Johns River Water Management  
23 District and/or the United States Army Corps of Engineers or  
24 other regulatory agencies.

25 ~~(z) Reserved.~~

26 ~~(aa)~~ *Runoff water* means water from rainfall and irrigation systems  
27 which is not absorbed by the soil or landscape to which it is  
28 applied and flows from the area, often contaminated with  
29 pesticides, fertilizers, and other pollutants.

1 ~~(bb)~~ Protected tree includes both woody species which are measured  
2 by DBH; and palm species which are measured by CT. .all of the  
3 following:

4 ~~(1) Private protected tree means any tree with a DBH of six~~  
5 ~~inches or more located on any lot within 20 feet of a street~~  
6 ~~right-of-way (including an approved private street or other~~  
7 ~~access easement) or a tree with a DBH of eight inches or~~  
8 ~~more located within ten feet of any other property line, or~~  
9 ~~a tree with a DBH of 11.5 inches or more located elsewhere~~  
10 ~~on the lot.~~

11 (1) Protected trees on a lot. Within different areas of a lot,  
12 either publicly or privately owned, different sized trees  
13 are protected, as follows:

14 (i) Within 20 feet of a street right-of-way (including an  
15 approved private street or other access easement): a  
16 woody tree with a DBH of six (6) inches or more; or any  
17 palm with a CT of 8 feet or more;

18 (ii) Within ten (10) feet of any other property line: a  
19 woody tree with a DBH of eight (8) inches or more; or  
20 any palm with a CT of 8 feet or more; and

21 (iii) Elsewhere on the lot (the interior): a woody tree  
22 with a DBH of 11.5 inches or more, or Sabal palms with  
23 a CT of 8 feet or more.

24 ~~(2) Public protected tree means any tree located on lands owned~~  
25 ~~by the City, or other governmental agencies or authorities,~~  
26 ~~or any land upon which easements are imposed for the~~  
27 ~~benefit of the City, or other governmental agencies or~~  
28 ~~authorities, or upon which other ownership control may be~~  
29 ~~exercised by the City, or other governmental agencies or~~  
30 ~~authorities, including rights of way, parks, public areas~~  
31 ~~and easements for drainage, sewer, water and other public~~

1 utilities, with:

2 ~~(i) A DBH of six inches or more located within a City or~~  
3 ~~other governmental right-of-way, or~~

4 ~~(ii) A DBH of six inches or more and located on any lot~~  
5 ~~within 20 feet of a street right-of-way, or~~

6 ~~(iii) A DBH of eight inches or more located on any lot~~  
7 ~~within ten feet of any other property line, or~~

8 ~~(iv) A DBH of 11.5 inches or more located elsewhere on the~~  
9 ~~lot.~~

10 (2) Protected trees within rights-of-way and easements. Trees

11 located on lands owned by the City, or other governmental  
12 agencies or authorities, or any land upon which easements  
13 are imposed for the benefit of the City, or other  
14 governmental agencies or authorities, or upon which other  
15 ownership control may be exerted by the City, or other  
16 governmental agencies or authorities, including rights-of-  
17 way and easements for sewer, water and other public  
18 utilities, are protected if they are the following size:

19 (i) Woody trees with a DBH of 6 inches or more; and

20 (ii) Palm trees with a CT of 8 feet or more.

21 (3) *Exceptional specimen tree* means any hardwood tree with a  
22 DBH of 24 inches or greater; or any palm with a CT of  
23 greater than 24 feet.

24 ~~(ee)~~ *Scenic and historic corridors* means any street right-of-way,  
25 including approved private streets, which is so designated by  
26 the Council, pursuant to the procedures hereinafter  
27 established and adopted by Council, as a result of its special  
28 historic, architectural, archaeological, aesthetic or cultural  
29 interest and value to the citizens of Jacksonville. The Chief  
30 shall maintain a list which specifies the location and  
31 boundaries of all corridors so designated.

1 ~~(dd)~~ *Shrub* means a self-supporting woody perennial plant  
2 characterized by multiple stems and branches continuous from  
3 the base naturally growing to a mature height between two and  
4 12 feet.

5 ~~(ee)~~ *Site specific plant* means a selection of plant material that  
6 is particularly well suited to withstand the physical growing  
7 conditions that are normal for a specific location.

8 ~~(ff)~~ *Soil texture* means the classification of soil based on the  
9 percentage of sand, silt, and clay in the soil.

10 ~~(gg)~~ *Tree* means:

11 (1) a self-supporting woody plant having a single trunk or a  
12 multi-trunk of lower branches, growing to a mature height  
13 of at least 12 feet in northeast Florida; and-

14 (2)

15 ~~(hh)~~ *Tree palm* means an evergreen plant of the Palmaceae family  
16 cold hardy in northeast Florida having a single trunk, or  
17 multiple trunks, and terminal crown of large pinnate or fan-  
18 shaped leaves.

19 ~~(ii)~~ *Turfgrass* means continuous plant coverage consisting of grass  
20 species suited to growth in the City of Jacksonville.

21 ~~(jj)~~ *Understory* means assemblages of natural low-level woody,  
22 herbaceous, and ground cover species which exist in the area  
23 below the canopy of the trees.

24 ~~(kk)~~ *Vegetation, native* means any plant species with a geographic  
25 distribution indigenous to all or part of the State of Florida.

26 ~~(ll)~~ *Water use zone* means a grouping of sprays, sprinklers, or  
27 microirrigation emitters so that they can be operated  
28 simultaneously by the control of one valve according to the  
29 water requirements of the plants used.

30 ~~(mm)~~ *Florida-Friendly* means a type of landscaping that maximizes  
31 the conservation of water by the use of site-appropriate plants

1 - right plant in the right place methodology, efficient  
2 watering systems, appropriate fertilization, mulching,  
3 attraction of wildlife, responsible management of pests,  
4 recycling of yard waste, reduction of stormwater runoff ,and  
5 waterfront protection. The principles include planning and  
6 design, appropriate choice of plants, soil analysis, the use  
7 of solid waste compost, practical use of turf, efficient  
8 irrigation, appropriate use of mulches, and proper  
9 maintenance.

10 ~~(nn)~~ *Diameter Breast Height ("DBH")* means the trunk diameter of an  
11 existing tree measured four and one-half feet above the average  
12 ground level at the tree base. If the tree forks between four  
13 and one-half and two feet above ground level, DBH is measured  
14 below the swell resulting from the fork. Trunks that fork below  
15 two feet, shall be considered multi-trunk trees. DBH for multi-  
16 trunk trees shall be determined by measuring each trunk  
17 immediately above the fork and adding the total diameters of  
18 the four largest trunks. ~~(See also and compare definition for~~  
19 ~~caliper in subsection (c) of this Section.)~~

20 ~~(oo)~~ *Chief* means the Chief as designated by the Director of the  
21 Planning and Development Department.

22 ~~(pp)~~ *Shade tree* means a species having a height at maturity of at  
23 least 45 feet and an average mature crown spread of no less  
24 than 30 feet, or trees having an average mature crown spread  
25 of less than 30 feet grouped so as to create a total average  
26 mature crown spread of no less than 30 feet.

27 ~~(qq)~~ *Sensor Device* means

28 (1) *Rain sensor device* - a low voltage electrical or mechanical  
29 component placed in the circuitry of an automatic turfgrass  
30 irrigation system which is designed to turn off a sprinkler  
31 controller when precipitation has reached a pre-set



1 quantity.

2 (2) *Soil Moisture sensor device* - a low voltage electrical or  
3 mechanical component placed in the landscape of an  
4 automatic turfgrass irrigation system which is designed to  
5 suspend a sprinkler controller from operation when adequate  
6 soil moisture is present.

7 (3) *Weather sensor device* -a low voltage electrical or  
8 mechanical component placed in the circuitry, either  
9 directly or remotely, of an automatic turfgrass irrigation  
10 system which is designed to estimate plant water need and  
11 adjust a compatible sprinkler controller to apply the  
12 appropriate amount of supplemental irrigation.

13 ~~(xx)~~ *Best Management Practices (BMP)* means turf and landscape  
14 practices or a combination of practices, based on research,  
15 field testing, and expert review, determined to be most  
16 effective and practicable on-location means, including  
17 economic and technological considerations, for improving water  
18 quality, conserving water supplies and protecting natural  
19 resources.

20 ~~(ss)~~ *Pressure Regulating Device* means a device that maintains a  
21 constant flow and pressure for increased efficiency of  
22 irrigation systems. This device shall have a pressure  
23 regulating device built into the stem of head or provided in  
24 conjunction with the valve. If pressure regulation is derived  
25 through the head, it shall be identifiable from the top of the  
26 head.

27 ~~(tt)~~ *Hardscape* means areas such as patios, decks, driveways, in-  
28 ground swimming pools, paths and sidewalks that do not require  
29 irrigation.

30 ~~(uu)~~ *As-Constructed (As-Built) Sketch* means a legible drawing  
31 indicating the date of the irrigation system installation, the

1 number of zones, locations of zones, backflow prevention  
2 devices, valves, emitter types and locations, controller(s),  
3 pressure regulating devices and sensor device(s). The drawing  
4 shall represent the irrigation system as it exists at the time  
5 of irrigation system completion and shall be prepared by or at  
6 the direction of the person installing the system.

7 ~~(vv)~~ *Irrigation Zone* means a grouping of rotors or sprinkler heads  
8 or pop-up sprays or micro irrigation emitters or other  
9 irrigation system equipment operated simultaneously by the  
10 control of one valve.

11 ~~(ww)~~ *Low Maintenance Zone* means an area a minimum of six feet wide  
12 adjacent to water courses which is planted and managed in order  
13 to minimize the need for fertilization, watering and mowing.  
14 See Chapter 366 Part 6 (Fertilizer Application), Ordinance  
15 Code.

16 ~~(xx)~~ *Efficient Irrigation System* means irrigation system design,  
17 installation, and maintenance that incorporate water efficient  
18 strategies and components, including, but not limited to,  
19 pressure regulation devices, sensor devices, correct head  
20 spacing, minimum areas of zones of matched precipitation rates  
21 and BMP.

22 ~~(yy)~~ *Water Wise Principles* means appropriate planning and design,  
23 proper choice of plants, soil analysis that may include the  
24 use of solid waste compost, efficient irrigation, practical  
25 use of turf, appropriate use of mulches, and proper maintenance  
26 consistent with Florida Statutes.

27 **Section 2. Amending Section 656.1205 (Removal of protected**  
28 **trees prohibited; exceptions.), Subpart B (Tree Protection), Part 12**  
29 **(Landscape and Tree Protection Regulations), Chapter 656 (Zoning**  
30 **Code), Ordinance Code.** Section 656.1205, *Ordinance Code*, is hereby  
31 amended to read as follows:

CHAPTER 656 - ZONING CODE

\* \* \*

PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS

\* \* \*

SUBPART B. - TREE PROTECTION

\* \* \*

Sec. 656.1205 (Removal of protected trees prohibited; ~~exceptions~~  
exemptions.)

(a) No person, organization, society, association or corporation, or any agent or representative thereof, directly or indirectly, shall cut down, remove, damage or destroy, or shall authorize the cutting down, removal, damage, or destruction of any protected tree, as defined in Section 656.1203-~~(b)~~ hereof, or shall commit any act or authorize the commission of any act which physically removes a protected tree or causes a tree to die, such as damage inflicted upon the root system by heavy machinery, chemicals or paving, changing the natural grade above the root system and tree damage permitting infection or pest infestation, without first having obtained a permit as herein provided.

(b) The following protected trees are exempted from the provisions of subsection (a). Where an exemption is claimed, an applicant must obtain a permit pursuant to Section 656.1206 for a fee as found in [www.coj.net/fees](http://www.coj.net/fees) , and provide supporting evidence that the applicant is entitled to the exemption, as requested by the Building Inspection Development Services Division:

(1) Any tree located on an individual lot on which either a single-family dwelling or a mobile home is located, provided:

1 A. The lot is not capable of further subdivision under  
2 applicable law; and

3 B. The single-family dwelling or mobile home is:

4 (i) Occupied and used for residential purposes, or

5 (ii) Capable of occupancy in compliance with applicable  
6 law.

7 (2) Any tree of the ~~palm family, other than the Cabbage Palm~~  
8 ~~(Sabal palmetto), or the pine family, other than the Long~~  
9 Leaf Pine (*Pinus palustris*) located on that portion of a  
10 lot which is more than 20 feet from a street right-of-way  
11 (including an approved private street or other access  
12 easement), or more than ten feet from any other property  
13 line.

14 \* \* \*

15 (5) Any tree in a land area located within a City drainage  
16 easement, a City drainage right-of-way, and/or a City  
17 access way right-of-way (excluding road rights-of-way,  
18 or road easements requiring drainage) where trees must  
19 be removed, as reasonably necessary, to provide access  
20 to, or maintenance and/or construction of, the City's  
21 drainage ditches and drainage-related facilities.

22 (6) Any tree located within an existing or proposed street  
23 right-of-way and/or easement shown on a set of approved  
24 final construction plans for required improvements within  
25 an approved single-family or mobile home subdivision which  
26 has been platted or is in the process of being platted and  
27 has received preliminary sketch plan approval pursuant to  
28 Chapter 654, Ordinance Code (Code of Subdivision  
29 Regulations), may be removed during construction of such  
30 improvements.

1 (7) Any tree other than an exceptional specimen tree, as  
2 defined in Section 656.1203~~(bb)~~(3), located on property  
3 that has been subdivided for residential development by a  
4 plat of record or that is in the process of being platted  
5 and as received preliminary sketch plan approval pursuant  
6 to Section 654.108, Ordinance Code. Property with trees  
7 that are exempt under this subsection (8) must comply  
8 with the buffer requirements for residential subdivisions  
9 of Section 656.1222.

10 (8) The ~~following~~ nuisance and invasive species of trees as  
11 listed by the University of Florida IFAS Extension  
12 Service as "Invasive Landscape Plants and Trees," as may  
13 be amended from time to time. ~~Pond Willow (Salix~~  
14 ~~caroliniana), Chinese Tallow (Sapium sebiferum), Paper~~  
15 ~~Mulberry (Broussonetia papyrifera), Chinaberry (Melia~~  
16 ~~azedarach), Camphor (Cinnamomum camphora), Wax Myrtle~~  
17 ~~(Myrica cerifera), Golden Raintree (Koelreuteria~~  
18 ~~bipinnata) and Cherry Laurel (Prunus caroliniana).~~

19 \* \* \*

20 Section 3. Amending Section 656.1206 (Permit procedure and  
21 criteria for tree removal, relocation and replacement of protected  
22 trees.), Subpart B (Tree Protection), Part 12 (Landscape and Tree  
23 Protection Regulations), Chapter 656 (Zoning Code), Ordinance Code.  
24 Section 656.1203, Ordinance Code, is hereby amended to read as  
25 follows:

26 CHAPTER 656 - ZONING CODE

27 \* \* \*

28 PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS

29 \* \* \*

30 SUBPART B. - TREE PROTECTION

31 \* \* \*

1 **Sec. 656.1206. - Permit procedure and criteria for tree removal,**  
2 **relocation and replacement of protected trees.**

3 \* \* \*

4 (g) Protected trees identified for removal on the site clearing or  
5 tree removal permit application shall be replaced with new planted  
6 trees, unprotected trees or transplanted trees.

7 (1) Protected live oaks ~~(quercus virginiana)~~ (Quercus virginiana)  
8 removed shall be replaced only with live oaks. The total  
9 caliper inches of replacement live oaks shall equal the total  
10 ~~caliper~~ DBH inches of protected live oaks removed.

11 (2) For ~~for~~ other removed woody protected trees, the total caliper  
12 inches of replacement trees shall equal one-third the total  
13 ~~caliper~~ DBH inches removed.

14 (3) For protected palms with a CT height between 8 feet and 24  
15 feet, the total CT height of replacement palms shall be one-  
16 third of the total CT feet removed.

17 (4) For palms with a CT height greater than 24 feet, the total CT  
18 height of replacement palms shall equal the amount of palm  
19 feet removed. ~~A waiver of this replacement requirement may~~  
20 ~~be approved by the Chief if the tree removal was for the~~  
21 ~~purpose of removing dead, diseased, dying or trees of similar~~  
22 ~~condition or for trees whose roots are causing severe damage,~~  
23 ~~as determined in the sole discretion of the Chief, to an~~  
24 ~~adjacent structure.~~

25 (5) No waiver shall be allowed for the removal of any tree whose  
26 continued existence was necessary for compliance with the  
27 City's Landscape Code, for receiving credit for conservation  
28 mitigation, or for any tree which was planted as part of a  
29 mitigation requirement.

30 (6) The total caliper inches (or in the case of palms, CT in feet)  
31 for replacement of exceptional specimen trees shall equal the

1 total caliper inches (or feet) of exceptional specimen trees  
2 removed pursuant to Section 656.1205(d).

3 (7) When there are more than an average of two exceptional specimen  
4 trees per acre removed on a particular site, the required  
5 mitigation shall be increased by twice the minimum caliper of  
6 all exceptional specimen trees lost in order to compensate for  
7 that loss.

8 (8) If multi-trunked trees are used as replacement trees, then the  
9 total caliper of the four largest trunks shall equal the  
10 replacement caliper.

11 (9) Palms used for mitigation may not exceed the amount of CT feet  
12 of may be used only to replace protected palms removed.

13 (10) Replacement species used shall be approved by the Chief.  
14 ~~Additionally, the following provisions shall apply:~~

15 (11) No replacement will be required for protected trees which  
16 are determined by the Chief to be dead or deteriorated as a  
17 result of age, insects, disease, storm, fire, lightning or  
18 other acts of nature, or for trees whose roots are causing  
19 severe damage, as determined in the sole discretion of the  
20 Chief, to an adjacent structure.

21 (12) Trees that require trimming or other simple forms of  
22 abatement to remain viable shall not be exempt pursuant to  
23 this subsection.

24 (13) An exemption pursuant to this subsection requires the  
25 following:

26 (i) Sufficient documentation supporting the exemption in a  
27 form approved by the Chief; and

28 (ii) Verification of the dead or deteriorated status of the  
29 tree by a Certified Arborist; and

30 (iii) Evaluation of the tree based upon the current site  
31 conditions and viability of the tree, not considering

1 potential impacts of construction.

2 (~~2~~14) New replacement trees shall meet the minimum standards for  
3 landscape materials established by Section 656.1211(e).

4 (~~3~~15) Existing trees, two-inch caliper or greater, which are not  
5 protected trees but which are preserved or transplanted,  
6 except those trees located in preserve areas, may be utilized  
7 to satisfy tree replacement requirements, subject to the  
8 conditions stated in Sections 656.1207 and 656.1213(b) and  
9 (d).

10 (~~4~~16) New, preserved nonprotected, or transplanted exceptional  
11 specimen trees or live oaks used as replacement for removed  
12 exceptional specimen trees or protected live oaks shall be  
13 four-inch caliper or greater.

14 (~~5~~17) Existing protected trees which would otherwise be removed  
15 from the site because of development, may be utilized to  
16 satisfy tree replacement requirements if transplanted to a  
17 location on the site which meets the requirements of Sections  
18 656.1207 and 656.1213(b) and (d).

19 (~~6~~18) If protected tree removal is associated with new  
20 development, the name, size and location of all replacement  
21 trees shall be shown on the required landscape plan and such  
22 trees shall be installed prior to the final building  
23 inspection. Otherwise, the name, size and location of the  
24 required replacement trees shall be shown on the site plan  
25 required for site clearing or tree removal and such trees shall  
26 be installed within the time limit stated on the site clearing  
27 or tree removal permit.

28 (~~7~~19) Existing nonprotected trees, transplanted trees and new  
29 trees used for replacement become protected trees.

30 (~~8~~20) Replacement trees shall be maintained pursuant to the  
31 requirements of Section 656.1212.



1       (921) Replacement trees may be used to satisfy the tree  
2 requirements of Subpart C, landscaping requirements.

3       (220) A tree used for replacement shall be at least ten feet from  
4 any other tree planted, transplanted or preserved. Greater  
5 spacing may be required, based on a tree survey, to ensure  
6 survivorship of a tree.

7       (1123) Replacement trees shall be suitable to the site at which  
8 they are planted as determined by the Chief.

9       (1224) Replacement trees for protected trees larger than 11.5  
10 inches DBH shall be shade trees as required by Article 25 of  
11 the Charter of the City of Jacksonville, *Minimum Standards for*  
12 *Tree Protection, Conservation and Mitigation During*  
13 *Development.*

14       (1325) Trees planted within an area of an onsite wetland created  
15 for mitigation of wetlands removed or relocated on the same  
16 site may be used satisfy the requirements of this Subpart.

17       (h) Tree Fund Contribution.

18       ~~(14)~~(1) If the applicant demonstrates to the satisfaction of  
19 the Chief that the site cannot accommodate the total number  
20 of required replacement trees as a result of insufficient  
21 planting area, the applicant shall provide a monetary  
22 contribution to the Tree Protection and Related Expenses Trust  
23 Fund. The amount of such contribution shall be determined as  
24 follows:

25       (i) For every two caliper inches, or fraction thereof, of  
26 woody replacement trees which would otherwise be required, the  
27 contribution shall be equal to the retail value of a planted  
28 two-inch caliper nursery grown shade tree.

29       (ii) The retail value shall be calculated by taking the  
30 average of the median current wholesale price, published by

1 North Florida nurseries, for a container grown, and a balled  
2 and burlapped two-inch caliper live oak, multiplied by two.

3 (iii) The retail value shall be recalculated and adjusted  
4 annually on October first.

5 (iv) Calculation of payment for removal of a protected palm  
6 is as follows: every 1 foot, or fraction thereof, of protected  
7 palm removed is equivalent to 1-inch in caliper.

8 ~~(15)~~ (i) As an alternative to providing a monetary contribution to  
9 the Tree Protection and Related Expenses Trust Fund, an applicant  
10 may, under the conditions set forth in this subsection, provide  
11 mitigation in certain off-site locations. In such cases, the  
12 applicant shall install the required replacement trees at another  
13 location (the "alternative site") which is not a residential lot  
14 and which meets all of the following criteria:

15 \* \* \*

16 ~~(16)~~ (j) As a further alternative to providing a monetary  
17 contribution to the Tree Protection and Related Expenses Trust  
18 Fund, an applicant may, in limited circumstances and under the  
19 conditions set forth in this subsection, provide mitigation of the  
20 required mitigation amount through conveyance of certain lands to  
21 the City of Jacksonville. A conveyance of land in lieu of a monetary  
22 contribution to the Tree Protection and Related Expenses Trust  
23 Fund, must meet all of the following criteria:

24 \* \* \*

25 **Section XX. Amending Sec. 656.1208 (Enforcement; violations**  
26 **and penalties; stopping work, correction of violation.) Subpart B**  
27 **(Tree Protection), Part 12 (Landscape and Tree Protection**  
28 **Regulations), Chapter 656 (Zoning Code), Ordinance Code. Section**  
29 **656.1208, Ordinance Code, is hereby amended to read as follows:**

30 CHAPTER 656 - ZONING CODE

31 \* \* \*

PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS

\* \* \*

SUBPART B. - TREE PROTECTION

\* \* \*

Sec. 656.1208. Enforcement; violations and penalties; stopping work, correction of violation.

\* \* \*

(c) Correction of violation. A violation of this Subpart shall be corrected as follows:

- (1) When there is work done without a permit, the property owner shall pay the permit fee due the City for the work, which permit fee shall be twice the amount of the regular permit fee specified in Section 320.409(a)(15) which would have been due had the permit been obtained prior to commencing work, and by replacing the protected trees removed without a permit with new planted trees, unprotected trees or transplanted trees. The total caliper inches of the replacement woody trees shall equal to twice the amount of total caliper inches that would have been required to be planted, pursuant to Section 656.1206(h). The total CT height of replacement palms shall also be equal to twice the amount of CT height of palm that would have been required to be planted. The property owner shall also submit a tree replanting plan showing how the damage caused to the site by the violation will be mitigated shall be subject to the review and approval of the Chief and the trees installed within the time limit stated on the permit. Replacement trees shall meet the requirements of Section 656.1206, except that the minimum caliper of all replacement trees shall be four inches, the minimum size of palms shall be 8 feet CT height, and the plan shall meet

1 the requirements of Section 656.1217, to the extent  
2 applicable; or

3 (2) When there is no permit, the violator shall pay the permit  
4 fee due the City for the work, which permit fee shall be  
5 twice the amount of the regular permit fee specified in  
6 Section ~~320.408(a)-(15)~~ 320.409(a)(15), which would have  
7 been due had the permit been obtained prior to commencing  
8 work, and by making a contribution to the Tree Protection  
9 and Related Expenses Trust Fund to compensate for each  
10 replacement tree which is not planted. The amount of such  
11 contribution shall be twice the required amount, pursuant  
12 to the formula described in Section 656.1206(h) ~~(14)~~. For  
13 each subsequent violation by the property owner, the amount  
14 of such contribution shall be triple the required amount,  
15 pursuant to the formula described in Section  
16 656.1206(h) ~~(14)~~.

17 (3) When there has been a permit issued for the proposed work,  
18 any property owner who removes more caliper inches of woody  
19 tree, or more CT height in feet of palm than the number of  
20 caliper inches or CT or overall height, as the case may  
21 be, approved in their permit as identified in the final  
22 landscape inspection is required to pay triple the required  
23 amount for those caliper inches or CT height or overall  
24 height in feet that were not permitted pursuant to the  
25 formula described in Section 656.1206(h) ~~(14)~~.

26 (4) If the site has been cleared and the trees have been removed  
27 from the site so that the Chief is unable to determine with  
28 reasonable certainty the number of protected trees removed  
29 in violation of this Subpart, the violation shall be  
30 corrected by making a contribution to the Tree Protection  
31 and Related Expenses Trust Fund equal to \$50,000 per acre,

1 or fraction thereof per each acre, of land cleared, which  
2 fine shall be assessed by the Chief. In the event the Chief  
3 assesses such a fine, the Chief shall provide the following  
4 information in the Notice of Violation, pursuant to  
5 subsection (a), to the property owner: the amount of acres  
6 presumed to be impacted by the site clearing without a  
7 permit, the total fine assessed, and any other information  
8 or documents the Chief relied upon to calculate the fine  
9 ("preliminary assessment of fine"). The property owner  
10 shall have the ability to appeal the preliminary assessment  
11 of fine as follows:

12 (i) The property owner has the burden of proving the  
13 preliminary assessment of fine should be reduced. The  
14 property owner shall have 30 days from the receipt of  
15 the Notice of Violation to dispute the assessment. The  
16 notice of dispute shall be in writing and sent to the  
17 Chief via electronic mail and by either hand delivery  
18 or certified mail, and contain the following  
19 information (if applicable): evidence of the species  
20 of trees removed, the total woody caliper inches, or  
21 CT or overall height in feet of palm removed, the  
22 application of any exception or exemption to the trees  
23 removed as provided for in this Part, and any other  
24 relevant information used to dispute the preliminary  
25 assessment of fine. All evidence relied upon to  
26 support the dispute, including expert analysis and  
27 geographical data, shall also be provided in the  
28 notice of dispute.

29 \* \* \*

30 Section 3. Amending Sec. 656.1211 (Florida-Friendly  
31 Landscape and Irrigation design standards.)

CHAPTER 656 - ZONING CODE

\* \* \*

PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS

\* \* \*

SUBPART C. - LANDSCAPING REQUIREMENTS

\* \* \*

Sec. 656.1211. Florida-Friendly Landscape and Irrigation design standards.

\* \* \*

(c) Trees, excluding palm trees, which are larger than the minimum size may be credited as indicated in Table 1. A minimum of 50 percent of all required trees shall be shade trees.

(d) Trees required for vehicular use area landscaping may be used to fulfill the tree requirements of this Section.

(e) Standards for landscape materials.

\* \* \*

(3) *General criteria for trees:* Trees shall be a species having an average mature crown spread of no less than 15 feet in northeast Florida. Trees having a mature crown spread of less than 15 feet, if grouped to create an equivalent 15 foot spread, may be substituted for the required tree. Single-trunk trees shall be a minimum of two inch caliper and a minimum of ten feet overall height. Multi-trunk trees shall be a minimum of three trunks eight feet high. Trees shall be planted in no less than 16 square feet of planting area, with a minimum dimension of four feet on any side. Trees shall not be planted closer than two feet from any pavement edge or right-of-way line,

1 as measured from center of trunk. Architectural  
2 planters for trees shall be no less than four feet by  
3 four feet in width and no less than 24 inches deep.  
4 Credits for the use of trees larger than the minimum  
5 size will be calculated as indicated in Table 1.  
6 Fractional measurements shall be attributed to the  
7 next lowest category.

8 (i) *Shade trees:* Shade trees shall be a species having an  
9 average mature crown spread of no less than 30 feet;  
10 provided, trees having an average mature crown spread  
11 of less than 30 feet may be grouped so as to create  
12 a total average mature crown spread of no less than  
13 30 feet and used in lieu of a shade tree. Shade trees  
14 at the time of planting shall be a minimum of two  
15 inch caliper and ten feet high. Shade trees shall be  
16 planted in no less than 150 square feet of planting  
17 area, with a minimum dimension on any side of eight  
18 feet. Shade trees shall not be planted closer than  
19 four feet from any pavement edge or right-of-way line,  
20 as measured from center of trunk. Those species of  
21 trees whose roots are known to cause damage to  
22 pavement shall not be planted closer than six feet to  
23 such pavement.

24 (ii) *Palm trees:* Palms shall be a minimum ~~clear-trunk~~ CT  
25 height of eight feet, measured from the ground level  
26 to the base of the palm fronds. Palms may be  
27 substituted for the required trees at the ratio of  
28 two palms for each required tree or four palms for  
29 each required shade tree, except as provided below  
30 for Phoenix Palm. Each palm shall be planted in no  
31 less than 16 square feet of planting area, with a

1 minimum dimension of four feet. Phoenix Palm may be  
2 used as a non-shade tree without meeting the ratios  
3 for other types of palms if the palm has a fifteen  
4 foot spread at maturity and a minimum ~~clear-trunk~~ CT  
5 height of eight feet.

6 \* \* \*

7 **Sec. 656.1213. Credit for existing trees and understory.**

8 Whenever the provisions of this Subpart require trees and other  
9 landscaping, such requirement may be satisfied by the preservation  
10 of existing trees and understory, located in uplands or upland buffer  
11 areas, as specified herein, provided all other requirements are met.  
12 Trees planted in wetlands and wetland creation areas may also be  
13 credited toward mitigation pursuant to Section ~~656.1206(h)(13)~~  
14 656.1206(e)(13).

15 (a) Existing trees, **except palm trees**, may be used to satisfy any  
16 requirement for trees pursuant to Table 1.  
17



\* \* \*

Table 1.  
Tree and Understory Vegetation Credits-  
Landscape Regulations

Table 1 identifies credits for landscaping under Subpart C only. Table 1 does not identify credits for mitigation required by Subpart B.

Tree Credits for <u>Required Trees</u> by using Existing Trees		Tree Credits for <u>Required Trees</u> by using New Trees	
Trunk DBH	No. of Trees Credited	Single Trunk Trunk Caliper	No. of Trees Credited
2 inch and above	1	2 inch and above	1
4 inch and above	2	4 inch and above	2
6 inch and above	3	6 inch and above	3
12 inch and above	4		
18 inch and above	4		

<del>Tree Credits for Existing Trees</del>		<del>Tree Credits for New Trees</del>	
Trunk DBH	<del>No. of Trees Credited</del>	Multi-Trunk Tree Height	<del>No. of Trees Credited</del>
24 inch and above	6	8 feet	1
30 inch and above	7	12 feet	2

\* \* \*

**Section XX. Directive to the Codifiers.** In Section 656.1203, place both existing and new definitions in alphabetized order.

**Section XX. Effective Date.** This ordinance shall become effective upon signature by the Mayor or upon becoming effective without the Mayor's signature.

Form Approved:

\_\_\_\_\_  
Office of General Counsel

Legislation prepared by: Susan C. Grandin

## **City of Jacksonville Tree Commission Public Partners**

### **Neighborhoods Department**

**Brian Mosier, Director**  
214 Hogan Street, N., 7<sup>th</sup> Floor  
Jacksonville, FL 32202  
E-mail: [COJNeighborhoods@COJ.net](mailto:COJNeighborhoods@COJ.net)  
Phone: 904-255-7200

- *Environmental Division*
- *Housing & Community Development*
- *Neighborhood Blight*

### **Public Works Department**

**John Pappas, P.E., Director**  
**Steve Long., Operations Director**  
214 N. Hogan Street, 10th Floor  
Jacksonville, Florida 32202  
(904) 255-8786

- *Right of Way and Stormwater Maintenance Division*
- *Real Estate Division*
- *Public Buildings Division*

### **Planning & Development Department**

**William B. Killingsworth, Director**  
Ed Ball Building  
214 North Hogan Street, Suite 300  
Jacksonville, Florida 32202  
(904) 255-7800

*Development Services Division*  
*Resiliency Division*  
**Ann Coglianese, Chief**

### **Office of Economic Development**

**Paul Crawford, Director of Operations**  
**Ed Randolph, Director of Business Development**  
117 West Duval Street, Suite 275, Jacksonville, FL 32202  
(904) 255-5444

### **Downtown Investment Authority**

**Lori Boyer**  
Downtown Investment Authority  
117 West Duval Street, Suite 310  
Jacksonville, Florida 32202  
(904) 255-5302

### **Jacksonville Electric Authority**

**Joe Anderson**  
JEA Forester  
[ANDEJS@JEA.COM](mailto:ANDEJS@JEA.COM)

## **Non-Profit Partners**

### **Greenscape**

Lisa Grubba

[lisagrubba@greenscapeofjax.org](mailto:lisagrubba@greenscapeofjax.org)

### **Public Trust Law**

John November

[john@publictrustlaw.org](mailto:john@publictrustlaw.org)

### **Scenic Jacksonville**

Nancy Powell

[nancy@scenicjax.org](mailto:nancy@scenicjax.org)

### **Resilient Jacksonville**

**CONTACT:** Jimmy Orth

[jimmy@stjohnsriverkeeper.org](mailto:jimmy@stjohnsriverkeeper.org)

### **Sierra Club**

**CONTACT:** Tom Larson

[tclarson168@msn.com](mailto:tclarson168@msn.com)

### **Late Bloomers Garden Club**

**CONTACT:** Debby Early

[Deborah.c.early@gmail.com](mailto:Deborah.c.early@gmail.com)

## **Stakeholders**

### **Northeast Florida Builders**

**CONTACT:** \_\_\_\_\_

### **Forest Service**

Larry Figart

## Tree Fund Trimming Spending

Ordinance 2018-524-E states “The total amount appropriated from those trust funds for tree maintenance in any fiscal year shall not exceed an amount equal to 25% of the amount budgeted in that fiscal year for tree maintenance activities in the public works department”

In the current fiscal year, Mowing and Landscape received \$319,750 from tree fund for tree trimming.

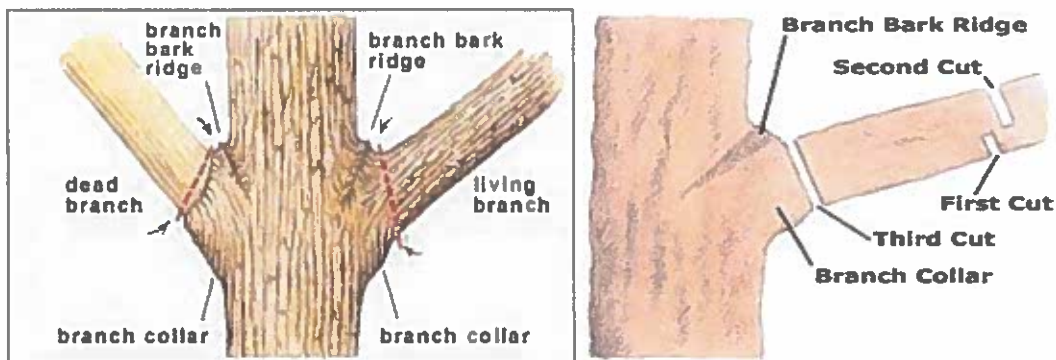
This amount comes from the current fiscal year in the below calculation:

$(\$1,129,000 \text{ general fund} + \$150,000 \text{ stormwater (trees in ditches)}) \times 25\% = \$319,750 \text{ (tree fund tree trimming amount)}$

Our trained staff determine what work will help prolong the life of the tree. A separate purchase order is used for any activities falling within this scope to keep the fund within proper use.

## Tree Fund Trimming Activities

**Collar cuts** – proper cut to remove a branch that allows tree to heal. Often the removal of the branch is due to preventative pruning or due existing damage or decay of branch.



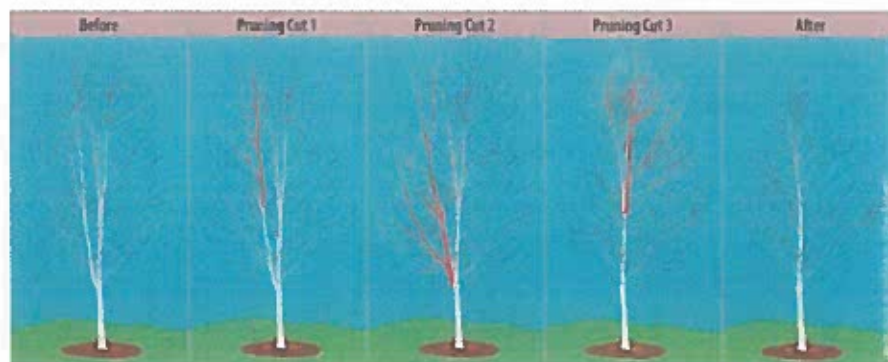
**Raise canopy to avoid vehicle damage-** avoiding damage prolongs tree and encourages upward growth.



**Trimming of deadwood-** Removal of deadwood helps keep the tree longer and slows the spread of decay. Often a tree will be assigned for deadwood removal instead of complete removal in effort to prolong the life of the tree. When a crew is at a tree for other reasons, they will remove deadwood as well.



**Pruning of structural defects-** Structural defects often pointed out for trimming to prevent eventual failures or damage to tree. Prolongs the life of the tree. Some of the defects may include co-dominance, lack of central leader, weak branch unions and disease/pest issues.



**Figure 10.** Pruning to improve poor branch structure may be completed over multiple sessions. Pruning goals may be reached in two growing seasons or it may take several years since the pruning dose will be determined by the species, age, and health of the tree.

## CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

ATTACHMENT B

Visit <https://pg-cloud.com/JacksonvilleFL> for City of Jacksonville Tree Project Maps  
 Visit <https://jaxtreemitigation.coj.net> - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Year	Status	Appropriation Amount	Obligated	Contract/Warranty
1 Kensington Association HOA Director	54 trees requested within Kensington Lakes city right of ways along Kensington Gardens Blvd. and Kensington Lakes Dr to replace trees lost due to storm damage/disease; may include removals. Planting Plan pending.	2019	Maintenance/Warranty Complete	\$124,202.62	\$124,202.62	Davey -1/yr
2 Cathedral District Tree Planting	50+ trees requested as Cathedral District (CD7) tree planting. may include removal of damaged/diseased trees. City right of way tree plantings within general proximity but not limited to State St to Catherine St. to Main St. to Adams St.; site evaluation scheduled	2020	Maintenance/Warranty Complete	\$120,371.14	\$120,371.14	Liberty 2/yr
3 Executive Director, Tree Hill Nature Center	22 trees requested in Tree Hill amphitheater parking area; site plan complete; no removals required; ready for review pending cost estimate per new countywide tree planting contract.	2019	Maintenance/Warranty Complete	\$21,472.80	\$21,472.80	Liberty 3/mos
4 San Marco Preservation Society and Greenscape, San Marco Tree Planting	102 Trees requested in city right of ways within District 5; includes removal of damaged/diseased trees; site evaluation scheduled	2019	Maintenance/Warranty Complete	\$247,749.52	\$247,749.52	Davey -1/yr
5 Sheffield Elementary School PTA President	10 Trees requested to provide shade for existing play area/field at Sheffield Elementary School; site visit complete - pending design and review.	2019	Maintenance/Warranty Complete	\$20,414.48	\$20,414.48	Davey -1/yr
6 S-Line Biodiversity Corridor Tree Planting	Installation of 25 trees throughout the S-Line Trail Biodiversity Corridor. This will offer additional tree canopy and shade to the trail.	2019	Maintenance/Warranty Complete	\$30,949.40	\$30,949.40	Liberty 3/mos
7 Canopy Place Tree Planting/resident request	Installation of 40 trees in city right of ways and medians to provide additional tree canopy, sound buffer and screening.	2020	Maintenance/Warranty Complete	\$117,483.97	\$117,483.97	Davey -1/yr
8 Sunrise Ridge/resident request	Installation of 40 tree in city right of ways to increase tree canopy as well screening and buffer from adjacent highway.	2020	Maintenance/Warranty Complete	\$107,316.52	\$107,316.52	Davey -1/yr
9 Jacksonville Beach Golf Park/Jax Beach	Installation of 156 trees in city golf course park to increase tree canopy, create screening, and attract wildlife.	2020	Maintenance/Warranty Complete	\$147,562.80	\$147,562.80	Liberty 3/mos
10 Yates Building - Cultural Council of Greater Jacksonville	8 Trees to be installed around renovated fountain at building entrance	2020	Maintenance/Warranty Complete	\$38,312.00	\$38,312.00	Liberty 2/yr
11 City Cemetery - citizen request	18 Trees in right of ways on Ionia St. and Jessie St.	2020	Maintenance/Warranty Complete	\$41,350.50	\$41,350.50	Liberty 2/yr
12 Baymeadows East Association Tree Planting	119 Trees in right of ways and medians on Baymeadows East and Fort Family Regional Park	2020	Maintenance/Warranty Complete	\$284,900.07	\$284,900.07	Davey -1/yr



## CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

Visit <https://pg-cloud.com/jacksonville/> for City of Jacksonville Tree Project Maps

Visit [jaxtreemaintenance.com.net](http://jaxtreemaintenance.com.net) - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status	Appropriation Amount	Obligated	Contract/Warranty
13 Cobblestone Homeowners Association/residential requests/HOA	Installation of 105 trees in city right of ways and medians to provide additional tree canopy, sound buffer and screening.	2020 Installation Complete	\$191,322.00		Liberty 2/yr
14 Ed Austin Park Tree Planting/Resident request	115 Trees in right of ways around and within Willowbranch Park	2020 Installation Complete	\$214,822.00		Liberty 2/yr
15 Neptune Beach/Residential requests - City of Neptune	Trees within residential Right of Ways - 47 trees	2020 Maintenance/Warranty Complete	\$55,490.00	\$55,490.00	Liberty 3/mos
16 Nathan Krestul Park - Friends of Krestul Park	Trees within Park - 34 trees	2020 Installation Complete	\$95,580.00		Liberty 2/yr
17 John Gorrie Dog Park/Friends of John Gorrie Dog Park	Trees along Park Right of Way - Buffer - 11 Trees	2021 Installation Complete	\$23,166.00		Liberty 2/yr
18 Alexandria Oaks Park/SMPs and Bolles School request	Trees within Park - 15 trees	2020 Installation Complete	\$28,593.00		Liberty 2/yr
19 Huntington Forest Park/Resident request to CM	Trees along Park Right of Way - Buffer - 15 trees	2020 Installation Complete	\$28,026.00		Liberty 2/yr
20 Love Grove/Willowbranch	Trees in right of ways around and within Willowbranch Park - 51 Trees	2021 Phase 1 Complete	\$93,742.00		Liberty 2/yr
21 Greenland Park/residents adjacent to park	Trees within Park - 53 trees	2021 Installation Complete	\$95,580.00		Liberty 2/yr
22 Harlow Blvd./Resident request	Trees within median on Harlow Blvd. - 47 trees	2021 Installation Complete	\$102,804.00		Liberty 2/yr
23 Atlantic Beach/City of Atlantic Beach	Trees within Atlantic Beach residential Right of Ways and Parks - 96 trees	2021 Installation Complete	\$194,532.00		Liberty 2/yr
24 Lake Mandarin HOA Tree Planting/Resident request	Trees within 4 HOA's residential Right of Ways and Parks - 94 trees	2021 Installation Complete	\$190,168.00		Liberty 2/yr
25 Tom Marshall Park/Sports Association	Trees within ballpark and right of ways - 39 trees	2021 Installation Complete	\$69,336.00		Liberty 2/yr
26 Boat Ramps/Waterfront Management	Trees within 7 boat ramps and parks - 62 trees	2021 Installation Complete	\$111,132.00		Liberty 2/yr

## CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS

Visit <https://pg-cloud.com/JacksonvilleFL> for City of Jacksonville Tree Project Maps  
 Visit [jaxtree mitigation.coj.net](http://jaxtree mitigation.coj.net) - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status	Appropriation Amount	Obligated	Contract/Warranty
27	Freedom Park/CM & Parks Trees within newly established park (irrigated) - 38 trees	Maintenance/Warranty Complete	\$38,548.00	\$38,548.00	Liberty 3/mos
28	Blue Cypress Park Restoration/Parks Trees within park - field restoration - 157 trees	Maintenance/Warranty Complete	\$187,154.40	\$187,154.40	Liberty 1/yr
30	Reddie Point Park/CM and Parks Trees within park - field restoration - 27 trees	Installation Complete	\$53,055.00		Liberty 2/yr
31	Twin Lakes Academy ES/School Trees within school grounds and ROW - 66 trees	Installation Complete	\$122,553.00		Liberty 2/yr
32	Atlantic Beach/City of Atlantic Beach Phase 2 Trees within Atlantic Beach residential Right of Ways and Parks - 133 trees	Maintenance/Warranty Complete	\$164,404.80	\$164,404.80	Liberty 3/mos
33	Kernan Blvd./CM Trees within medians and Row of Kernan Blvd. - 132 trees	Installation Complete	\$276,722.50		Liberty 2/yr
34	Amelia View/residential Trees within medians and ROW in Amelia View community - 73 trees	Installation Complete	\$145,395.00		Liberty 2/yr
35	Whitehouse Park/Parks and residential Trees within play area and recreational fields. - 29 trees	Installation Complete	\$54,594.00		Liberty 2/yr
36	Baker Point Park/Parks and residential Trees within park undergoing improvements - 8 trees	Installation Complete	\$17,091.00		Liberty 2/yr
38	Fort Caroline Rd. Tree Planting Trees within right of way along Fort Caroline Rd. 66 trees	Installation Complete	\$165,793.50		Liberty 2/yr
39	Norfolk Soutel Tree Planting Trees within medians and right of way along Norfolk Blvd. 36 trees	Installation Complete	\$85,000.00		Liberty 2/yr
40	Jax Beach Park and ROW Trees within parks and right of way. 150 trees	Installation Complete	\$277,789.50		Liberty 2/yr
41	Gold Star Family Memorial Highway Trees within retention pond and right of way. 200 trees	Installation Complete	\$466,296.00		Liberty 2/yr
42	Northbank Riverwalk Trees along trail and riverside of Northbank Riverwalk/Geffen Park area. 68 trees	In Progress	\$138,801.00		Liberty 2/yr
43	Jarboe Park Trees along play areas and trails of Jarboe Park. 76 trees	Installation Complete	\$145,918.00		Liberty 2/yr
44	Columbia Pkwy Retention Pond Trees along play areas and trails of Jarboe Park. 29 trees	In progress	\$51,840.00		Liberty 2/yr
45	Fishweir Park Trees along nature trail. 21 trees	on hold until Fall	\$40,014.00		Liberty 2/yr
46	District 7 Parks 55 trees.	Scheduling	\$106,000.00		
47	District 5 Parks 195 Trees	Scheduling	\$452,600.00		
48	Deerwood Trees along median. 43 trees	Scheduling	\$86,319.00		Liberty 2/yr



1 Introduced by Council Member Salem:

2 Highlighted language is policy decision.

3  
4 **ORDINANCE 2022-**

5 AN ORDINANCE AMENDING CHAPTER 656 (ZONING CODE,  
6 PART 12 (LANDSCAPE AND TREE PROTECTION  
7 REGULATIONS), SUBPART A (GENERAL PROVISIONS),  
8 SECTION 1203 (DEFINITIONS), *ORDINANCE CODE*, TO  
9 CLARIFY THE DEFINITION OF TREE TO INCLUDE PALM  
10 TREES

11  
12 MEASUREMENT OF PALM TREES AND ...

13  
14 ; AMENDING CHAPTER 656 (ZONING CODE, PART 12  
15 (LANDSCAPE AND TREE PROTECTION REGULATIONS),  
16 SUBPART B (TREE PROTECTION), SECTION 1206  
17 (PERMIT PROCEDURE AND CRITERIA FOR TREE REMOVAL,  
18 RELOCATION AND REPLACEMENT OF PROTECTED TREES),  
19 *ORDINANCE CODE*, TO ...

20  
21 ;AMENDING CHAPTER 656 (ZONING CODE, PART 12  
22 (LANDSCAPE AND TREE PROTECTION REGULATIONS),  
23 SUBPART C (LANDSCAPING REQUIREMENTS), ????????

24  
25 PROVIDING AN EFFECTIVE DATE.

26  
27 **BE IT ORDAINED** by the Council of the City of Jacksonville:

28 **Section 1. Amending Section 656.1203 (Definitions),**  
29 **Subpart A (General Provisions), Part 12 (Landscape and Tree Protection**  
30 **Regulations), Chapter 656 (Zoning Code), Ordinance Code.** Section  
31 656.1203, *Ordinance Code*, is hereby amended to read as follows:

1                                   **CHAPTER 656 - ZONING CODE**

2                                   \* \* \*

3                                   **PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS**

4                                   \* \* \*

5                                   **SUBPART A. - GENERAL PROVISIONS**

6                                   \* \* \*

7   **Sec. 656.1203. - Definitions.**

8       For purposes of this Part, in addition to the following terms or  
9   words, the definitions provided for in Part 16 shall apply. If the  
10   definitions contained in this Section at any time conflict with the  
11   definitions contained in Part 16, the more restrictive definition(s)  
12   shall apply. As used in this Part:

13       ~~(a)~~ *Annual consumptive use* means the yearly amount of water applied  
14       to the landscape.

15       ~~(b)~~ *Automatic controller* means a mechanical or electronic timer,  
16       capable of operating valve stations to set the days and length  
17       of time of a water application.

18       ~~(c)~~ *Bona-fide agricultural purposes* means the use of land for bona  
19       fide agricultural purposes as described in F.S. § 193.461,  
20       provided the land is classified for assessment purposes by the  
21       property appraiser as "agricultural", pursuant to F.S. Ch.  
22       193.

23       ~~(d)~~ *Buffer yard or strip* means a strip of land, identified on a  
24       site plan or by zoning ordinance requirement, established to  
25       protect one type of land use from another land use that may  
26       be incompatible. The area is landscaped, maintained and kept  
27       in open space.

28       ~~(e)~~ *Caliper* means the trunk diameter of ~~planted~~ nursery stock  
29       trees. Caliper shall be measured six inches above the ground  
30       for trees up to and including four inches in caliper, and  
31       measured 12 inches above the ground for trees exceeding four

1 inches in caliper. ~~If the tree has a very enlarged irregular~~  
2 ~~base, then the caliper measurement shall be taken up where the~~  
3 ~~trunk has a more regular circumference, but in no case higher~~  
4 ~~than four and one-half feet above the ground.~~ If the tree forks  
5 between ground level and one foot above ground level, then the  
6 tree shall be considered a multi-trunked tree. Caliper for  
7 multi-trunked trees shall be determined by measuring each  
8 trunk immediately above the fork and adding the total caliper  
9 of the four largest trunks. (See also and compare definition  
10 of DBH in ~~subsection (nn) of this Section.~~)

11 Clear Trunk ("CT") means the height of a palm tree measured  
12 from the top of the root ball to a point where the lowest  
13 untrimmed leaf's petiole diverges from the trunk (typically  
14 this is the bottom of the first row of fronds).

15 ~~(f)~~ *Cultivated landscape area* means planted areas that are  
16 frequently maintained by mowing, irrigating, pruning,  
17 fertilizing, etc.

18 ~~(g)~~ *Development* means any proposed material change in the use or  
19 character of the land, including, but not limited to, land  
20 clearing associated with new construction, the placement of  
21 any structure or site improvement on the land, or expansion of  
22 existing buildings.

23 ~~(h)~~ *Drip line* means a vertical line extending from the outermost  
24 branches of a tree to the ground.

25 ~~(i)~~ *Ecosystem* means a characteristic assemblage of plant and  
26 animal life with a specific physical environment, and all  
27 interactions among species and between species and their  
28 environment.

29 ~~(j)~~ *Emitter devices* means devices which are used to control the  
30 applications of irrigation water. This term is primarily used  
31 to refer to the low flow rate devices used in microirrigation

1 systems.

2 ~~(k)~~ *Ground cover* means a low-growing herbaceous or woody plant  
3 other than turf, not over two feet high, used to cover the  
4 ground.

5 ~~(l)~~ *Hedge* means a landscape barrier consisting of a continuous,  
6 dense planting of shrubs.

7 ~~(m)~~ *Infiltration rate* means the rate of water entry into the soil  
8 expressed as a depth of water per unit of time (inches per  
9 hour).

10 ~~(n)~~ *Irrigation system* means a permanent, artificial watering  
11 system designed to transport and distribute water to plants.

12 ~~(o)~~ *Landscaped area* means the entire parcel less the building  
13 footprint, driveway, nonirrigated portions of parking lots,  
14 hardscapes such as decks and patios, and other nonporous areas.  
15 Water features are included in the calculation of the  
16 landscaped area.

17 ~~(p)~~ *Landscaping* means any combination of living plants (such as  
18 grass, groundcover, shrubs, vines, hedges, or trees) and  
19 nonliving landscape material (such as rocks, pebbles, sand,  
20 mulch, walls or fences).

21 ~~(q)~~ *Microirrigation (low volume)* means the frequent application of  
22 small quantities of water directly on or below the soil  
23 surface, usually as discrete drops, tiny streams, or miniature  
24 sprays through emitters placed along the water delivery pipes  
25 (laterals). Microirrigation encompasses a number of methods or  
26 concepts including drip, subsurface bubbler, and spray  
27 irrigation.

28 ~~(r)~~ *Mulch* means nonliving organic materials customarily used in  
29 landscape design to retard erosion and retain moisture.

30 ~~(s)~~ *Native vegetation*. See *Vegetation, native*.

31 ~~(t)~~ *Naturally occurring existing plant communities*. See

1 Vegetation, native.

2 ~~(u)~~ *Open space* means all areas of natural plant communities or  
3 areas replanted with vegetation after construction, such as  
4 revegetated natural areas; tree, shrub, hedge or ground cover  
5 planting areas; and lawns, and all other areas required to be  
6 provided as natural ground and landscaping pursuant to the  
7 Zoning Code.

8 ~~(v)~~ *Perimeter landscape* means a continuous area of land which is  
9 required to be set aside along the perimeter of a lot in which  
10 landscaping is used to provide a transition between and to  
11 reduce the environmental, aesthetic and other impacts of one  
12 type of land use upon another.

13 ~~(w)~~ *Pervious paving materials* means a porous asphaltic or concrete  
14 surface and a high-void aggregate base which allows for rapid  
15 infiltration and temporary storage of rain on, or runoff  
16 delivered to, paved surfaces.

17 ~~(x)~~ *Plant community* means a natural association of plants that are  
18 dominated by one or more prominent species, or a characteristic  
19 physical attribute.

20 ~~(y)~~ *Preserve areas* means vegetative areas required to be preserved  
21 under the jurisdiction of the Florida Department of  
22 Environmental Regulation, St. Johns River Water Management  
23 District and/or the United States Army Corps of Engineers or  
24 other regulatory agencies.

25 ~~(z) Reserved.~~

26 ~~(aa)~~ *Runoff water* means water from rainfall and irrigation systems  
27 which is not absorbed by the soil or landscape to which it is  
28 applied and flows from the area, often contaminated with  
29 pesticides, fertilizers, and other pollutants.

1 ~~(b)~~ Protected tree includes both woody species which are measured  
2 by DBH; and palm species which are measured by CT. .all of the  
3 following:

4 ~~(1) Private protected tree means any tree with a DBH of six~~  
5 ~~inches or more located on any lot within 20 feet of a street~~  
6 ~~right-of-way (including an approved private street or other~~  
7 ~~access easement) or a tree with a DBH of eight inches or~~  
8 ~~more located within ten feet of any other property line, or~~  
9 ~~a tree with a DBH of 11.5 inches or more located elsewhere~~  
10 ~~on the lot.~~

11 (1) Protected trees on a lot. Within different areas of a lot,  
12 either publicly or privately owned, different sized trees  
13 are protected, as follows:

14 (i) Within 20 feet of a street right-of-way (including an  
15 approved private street or other access easement): a  
16 woody tree with a DBH of six (6) inches or more; or any  
17 palm with a CT of 8 feet or more;

18 (ii) Within ten (10) feet of any other property line: a  
19 woody tree with a DBH of eight (8) inches or more; or  
20 any palm with a CT of 8 feet or more; and

21 (iii) Elsewhere on the lot (the interior): a woody tree  
22 with a DBH of 11.5 inches or more, or Sabal palms with  
23 a CT of 8 feet or more.

24 ~~(2) Public protected tree means any tree located on lands owned~~  
25 ~~by the City, or other governmental agencies or authorities,~~  
26 ~~or any land upon which easements are imposed for the~~  
27 ~~benefit of the City, or other governmental agencies or~~  
28 ~~authorities, or upon which other ownership control may be~~  
29 ~~exercised by the City, or other governmental agencies or~~  
30 ~~authorities, including rights-of-way, parks, public areas~~  
31 ~~and easements for drainage, sewer, water and other public~~

1           ~~utilities, with:~~

2           ~~(i) A DBH of six inches or more located within a City or~~  
3           ~~other governmental right-of-way, or~~

4           ~~(ii) A DBH of six inches or more and located on any lot~~  
5           ~~within 20 feet of a street right-of-way, or~~

6           ~~(iii) A DBH of eight inches or more located on any lot~~  
7           ~~within ten feet of any other property line, or~~

8           ~~(iv) A DBH of 11.5 inches or more located elsewhere on the~~  
9           ~~lot.~~

10          (2) Protected trees within rights-of-way and easements. Trees

11          located on lands owned by the City, or other governmental  
12          agencies or authorities, or any land upon which easements  
13          are imposed for the benefit of the City, or other  
14          governmental agencies or authorities, or upon which other  
15          ownership control may be exerted by the City, or other  
16          governmental agencies or authorities, including rights-of-  
17          way and easements for sewer, water and other public  
18          utilities, are protected if they are the following size:

19           (i) Woody trees with a DBH of 6 inches or more; and

20           (ii) Palm trees with a CT of 8 feet or more.

21          (3) *Exceptional specimen tree* means any hardwood tree with a  
22          DBH of 24 inches or greater; or any palm with a CT of  
23          greater than 24 feet.

24          ~~(ee)~~ *Scenic and historic corridors* means any street right-of-way,  
25          including approved private streets, which is so designated by  
26          the Council, pursuant to the procedures hereinafter  
27          established and adopted by Council, as a result of its special  
28          historic, architectural, archaeological, aesthetic or cultural  
29          interest and value to the citizens of Jacksonville. The Chief  
30          shall maintain a list which specifies the location and  
31          boundaries of all corridors so designated.

1 ~~(dd)~~ *Shrub* means a self-supporting woody perennial plant  
2 characterized by multiple stems and branches continuous from  
3 the base naturally growing to a mature height between two and  
4 12 feet.

5 ~~(ee)~~ *Site specific plant* means a selection of plant material that  
6 is particularly well suited to withstand the physical growing  
7 conditions that are normal for a specific location.

8 ~~(ff)~~ *Soil texture* means the classification of soil based on the  
9 percentage of sand, silt, and clay in the soil.

10 ~~(gg)~~ *Tree* means:

11 (1) a self-supporting woody plant having a single trunk or a  
12 multi-trunk of lower branches, growing to a mature height  
13 of at least 12 feet in northeast Florida; and-

14 (2)

15 ~~(hh)~~ *Tree palm* means an evergreen plant of the Palmaceae family  
16 cold hardy in northeast Florida having a single trunk, or  
17 multiple trunks, and terminal crown of large pinnate or fan-  
18 shaped leaves.

19 ~~(ii)~~ *Turfgrass* means continuous plant coverage consisting of grass  
20 species suited to growth in the City of Jacksonville.

21 ~~(jj)~~ *Understory* means assemblages of natural low-level woody,  
22 herbaceous, and ground cover species which exist in the area  
23 below the canopy of the trees.

24 ~~(kk)~~ *Vegetation, native* means any plant species with a geographic  
25 distribution indigenous to all or part of the State of Florida.

26 ~~(ll)~~ *Water use zone* means a grouping of sprays, sprinklers, or  
27 microirrigation emitters so that they can be operated  
28 simultaneously by the control of one valve according to the  
29 water requirements of the plants used.

30 ~~(mm)~~ *Florida-Friendly* means a type of landscaping that maximizes  
31 the conservation of water by the use of site-appropriate plants



1 - right plant in the right place methodology, efficient  
2 watering systems, appropriate fertilization, mulching,  
3 attraction of wildlife, responsible management of pests,  
4 recycling of yard waste, reduction of stormwater runoff ,and  
5 waterfront protection. The principles include planning and  
6 design, appropriate choice of plants, soil analysis, the use  
7 of solid waste compost, practical use of turf, efficient  
8 irrigation, appropriate use of mulches, and proper  
9 maintenance.

10 ~~(nn)~~ *Diameter Breast Height ("DBH")* means the trunk diameter of an  
11 existing tree measured four and one-half feet above the average  
12 ground level at the tree base. If the tree forks between four  
13 and one-half and two feet above ground level, DBH is measured  
14 below the swell resulting from the fork. Trunks that fork below  
15 two feet, shall be considered multi-trunk trees. DBH for multi-  
16 trunk trees shall be determined by measuring each trunk  
17 immediately above the fork and adding the total diameters of  
18 the four largest trunks. ~~(See also and compare definition for~~  
19 ~~caliper in subsection (c) of this Section.)~~

20 ~~(oo)~~ *Chief* means the Chief as designated by the Director of the  
21 Planning and Development Department.

22 ~~(pp)~~ *Shade tree* means a species having a height at maturity of at  
23 least 45 feet and an average mature crown spread of no less  
24 than 30 feet, or trees having an average mature crown spread  
25 of less than 30 feet grouped so as to create a total average  
26 mature crown spread of no less than 30 feet.

27 ~~(qq)~~ *Sensor Device* means

28 (1) *Rain sensor device* - a low voltage electrical or mechanical  
29 component placed in the circuitry of an automatic turfgrass  
30 irrigation system which is designed to turn off a sprinkler  
31 controller when precipitation has reached a pre-set

1 quantity.

2 (2) *Soil Moisture sensor device* - a low voltage electrical or  
3 mechanical component placed in the landscape of an  
4 automatic turfgrass irrigation system which is designed to  
5 suspend a sprinkler controller from operation when adequate  
6 soil moisture is present.

7 (3) *Weather sensor device* -a low voltage electrical or  
8 mechanical component placed in the circuitry, either  
9 directly or remotely, of an automatic turfgrass irrigation  
10 system which is designed to estimate plant water need and  
11 adjust a compatible sprinkler controller to apply the  
12 appropriate amount of supplemental irrigation.

13 ~~(rr)~~ *Best Management Practices (BMP)* means turf and landscape  
14 practices or a combination of practices, based on research,  
15 field testing, and expert review, determined to be most  
16 effective and practicable on-location means, including  
17 economic and technological considerations, for improving water  
18 quality, conserving water supplies and protecting natural  
19 resources.

20 ~~(ss)~~ *Pressure Regulating Device* means a device that maintains a  
21 constant flow and pressure for increased efficiency of  
22 irrigation systems. This device shall have a pressure  
23 regulating device built into the stem of head or provided in  
24 conjunction with the valve. If pressure regulation is derived  
25 through the head, it shall be identifiable from the top of the  
26 head.

27 ~~(tt)~~ *Hardscape* means areas such as patios, decks, driveways, in-  
28 ground swimming pools, paths and sidewalks that do not require  
29 irrigation.

30 ~~(uu)~~ *As-Constructed (As-Built) Sketch* means a legible drawing  
31 indicating the date of the irrigation system installation, the

1 number of zones, locations of zones, backflow prevention  
2 devices, valves, emitter types and locations, controller(s),  
3 pressure regulating devices and sensor device(s). The drawing  
4 shall represent the irrigation system as it exists at the time  
5 of irrigation system completion and shall be prepared by or at  
6 the direction of the person installing the system.

7 ~~(vv)~~ *Irrigation Zone* means a grouping of rotors or sprinkler heads  
8 or pop-up sprays or micro irrigation emitters or other  
9 irrigation system equipment operated simultaneously by the  
10 control of one valve.

11 ~~(ww)~~ *Low Maintenance Zone* means an area a minimum of six feet wide  
12 adjacent to water courses which is planted and managed in order  
13 to minimize the need for fertilization, watering and mowing.  
14 See Chapter 366 Part 6 (Fertilizer Application), Ordinance  
15 Code.

16 ~~(xx)~~ *Efficient Irrigation System* means irrigation system design,  
17 installation, and maintenance that incorporate water efficient  
18 strategies and components, including, but not limited to,  
19 pressure regulation devices, sensor devices, correct head  
20 spacing, minimum areas of zones of matched precipitation rates  
21 and BMP.

22 ~~(yy)~~ *Water Wise Principles* means appropriate planning and design,  
23 proper choice of plants, soil analysis that may include the  
24 use of solid waste compost, efficient irrigation, practical  
25 use of turf, appropriate use of mulches, and proper maintenance  
26 consistent with Florida Statutes.

27 **Section 2. Amending Section 656.1205 (Removal of protected**  
28 **trees prohibited; exceptions.), Subpart B (Tree Protection), Part 12**  
29 **(Landscape and Tree Protection Regulations), Chapter 656 (Zoning**  
30 **Code), Ordinance Code.** Section 656.1205, *Ordinance Code*, is hereby  
31 amended to read as follows:

CHAPTER 656 - ZONING CODE

\* \* \*

PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS

\* \* \*

SUBPART B. - TREE PROTECTION

\* \* \*

Sec. 656.1205 (Removal of protected trees prohibited; ~~exceptions~~  
exemptions.)

(a) No person, organization, society, association or corporation, or any agent or representative thereof, directly or indirectly, shall cut down, remove, damage or destroy, or shall authorize the cutting down, removal, damage, or destruction of any protected tree, as defined in Section 656.1203-~~(b)~~ hereof, or shall commit any act or authorize the commission of any act which physically removes a protected tree or causes a tree to die, such as damage inflicted upon the root system by heavy machinery, chemicals or paving, changing the natural grade above the root system and tree damage permitting infection or pest infestation, without first having obtained a permit as herein provided.

(b) The following protected trees are exempted from the provisions of subsection (a). Where an exemption is claimed, an applicant must obtain a permit pursuant to Section 656.1206 for a fee as found in [www.coj.net/fees](http://www.coj.net/fees) , and provide supporting evidence that the applicant is entitled to the exemption, as requested by the Building Inspection Development Services Division:

(1) Any tree located on an individual lot on which either a single-family dwelling or a mobile home is located, provided:

1 A. The lot is not capable of further subdivision under  
2 applicable law; and

3 B. The single-family dwelling or mobile home is:

4 (i) Occupied and used for residential purposes, or

5 (ii) Capable of occupancy in compliance with applicable  
6 law.

7 (2) Any tree of the ~~palm family, other than the Cabbage Palm~~  
8 ~~(*Sabal palmetto*)~~, or the pine family, other than the Long  
9 Leaf Pine (*Pinus palustris*) located on that portion of a  
10 lot which is more than 20 feet from a street right-of-way  
11 (including an approved private street or other access  
12 easement), or more than ten feet from any other property  
13 line.

14 \* \* \*

15 (5) Any tree in a land area located within a City drainage  
16 easement, a City drainage right-of-way, and/or a City  
17 access way right-of-way (excluding road rights-of-way,  
18 or road easements requiring drainage) where trees must  
19 be removed, as reasonably necessary, to provide access  
20 to, or maintenance and/or construction of, the City's  
21 drainage ditches and drainage-related facilities.

22 (6) Any tree located within an existing or proposed street  
23 right-of-way and/or easement shown on a set of approved  
24 final construction plans for required improvements within  
25 an approved single-family or mobile home subdivision which  
26 has been platted or is in the process of being platted and  
27 has received preliminary sketch plan approval pursuant to  
28 Chapter 654, Ordinance Code (Code of Subdivision  
29 Regulations), may be removed during construction of such  
30 improvements.

1 (7) Any tree other than an exceptional specimen tree, as  
2 defined in Section 656.1203~~(bb)~~(3), located on property  
3 that has been subdivided for residential development by a  
4 plat of record or that is in the process of being platted  
5 and as received preliminary sketch plan approval pursuant  
6 to Section 654.108, Ordinance Code. Property with trees  
7 that are exempt under this subsection (8) must comply  
8 with the buffer requirements for residential subdivisions  
9 of Section 656.1222.

10 (8) The ~~following~~ nuisance and invasive species of trees as  
11 listed by the University of Florida IFAS Extension  
12 Service as "Invasive Landscape Plants and Trees," as may  
13 be amended from time to time. ~~Pond Willow (Salix~~  
14 ~~caroliniana), Chinese Tallow (Sapium sebiferum), Paper~~  
15 ~~Mulberry (Broussonetia papyrifera), Chinaberry (Melia~~  
16 ~~azedarach), Camphor (Cinnamomum camphora), Wax Myrtle~~  
17 ~~(Myrica cerifera), Golden Raintree (Koelreuteria~~  
18 ~~bipinnata) and Cherry Laurel (Prunus caroliniana).~~

19 \* \* \*

20 **Section 3. Amending Section 656.1206 (Permit procedure and**  
21 **criteria for tree removal, relocation and replacement of protected**  
22 **trees.), Subpart B (Tree Protection), Part 12 (Landscape and Tree**  
23 **Protection Regulations), Chapter 656 (Zoning Code), Ordinance Code.**  
24 Section 656.1203, Ordinance Code, is hereby amended to read as  
25 follows:

26 **CHAPTER 656 - ZONING CODE**

27 \* \* \*

28 **PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS**

29 \* \* \*

30 **SUBPART B. - TREE PROTECTION**

31 \* \* \*

1 **Sec. 656.1206. - Permit procedure and criteria for tree removal,**  
2 **relocation and replacement of protected trees.**

3 \* \* \*

4 (g) Protected trees identified for removal on the site clearing or  
5 tree removal permit application shall be replaced with new planted  
6 trees, unprotected trees or transplanted trees.

7 (1) Protected live oaks (~~quercus virginiana~~) (*Quercus virginiana*)  
8 removed shall be replaced only with live oaks. The total  
9 caliper inches of replacement live oaks shall equal the total  
10 ~~caliper~~ DBH inches of protected live oaks removed.

11 (2) For ~~for~~ other removed woody protected trees, the total caliper  
12 inches of replacement trees shall equal one-third the total  
13 ~~caliper~~ DBH inches removed.

14 (3) For protected palms with a CT height between 8 feet and 24  
15 feet, the total CT height of replacement palms shall be one-  
16 third of the total CT feet removed.

17 (4) For palms with a CT height greater than 24 feet, the total CT  
18 height of replacement palms shall equal the amount of palm  
19 feet removed. A waiver of this replacement requirement may  
20 be approved by the Chief if the tree removal was for the  
21 purpose of removing dead, diseased, dying or trees of similar  
22 condition or for trees whose roots are causing severe damage,  
23 as determined in the sole discretion of the Chief, to an  
24 adjacent structure.

25 (5) No waiver shall be allowed for the removal of any tree whose  
26 continued existence was necessary for compliance with the  
27 City's Landscape Code, for receiving credit for conservation  
28 mitigation, or for any tree which was planted as part of a  
29 mitigation requirement.

30 (6) The total caliper inches (or in the case of palms, CT in feet)  
31 for replacement of exceptional specimen trees shall equal the

1 total caliper inches (or feet) of exceptional specimen trees  
2 removed pursuant to Section 656.1205(d).

3 (7) When there are more than an average of two exceptional specimen  
4 trees per acre removed on a particular site, the required  
5 mitigation shall be increased by twice the minimum caliper of  
6 all exceptional specimen trees lost in order to compensate for  
7 that loss.

8 (8) If multi-trunked trees are used as replacement trees, then the  
9 total caliper of the four largest trunks shall equal the  
10 replacement caliper.

11 (9) Palms used for mitigation may not exceed the amount of CT feet  
12 of may be used only to replace protected palms removed.

13 (10) Replacement species used shall be approved by the Chief.  
14 ~~Additionally, the following provisions shall apply:~~

15 (11) No replacement will be required for protected trees which  
16 are determined by the Chief to be dead or deteriorated as a  
17 result of age, insects, disease, storm, fire, lightning or  
18 other acts of nature, or for trees whose roots are causing  
19 severe damage, as determined in the sole discretion of the  
20 Chief, to an adjacent structure.

21 (12) Trees that require trimming or other simple forms of  
22 abatement to remain viable shall not be exempt pursuant to  
23 this subsection.

24 (13) An exemption pursuant to this subsection requires the  
25 following:

26 (i) Sufficient documentation supporting the exemption in a  
27 form approved by the Chief; and

28 (ii) Verification of the dead or deteriorated status of the  
29 tree by a Certified Arborist; and

30 (iii) Evaluation of the tree based upon the current site  
31 conditions and viability of the tree, not considering



1 potential impacts of construction.

2 (~~2~~14) New replacement trees shall meet the minimum standards for  
3 landscape materials established by Section 656.1211(e).

4 (~~3~~15) Existing trees, two-inch caliper or greater, which are not  
5 protected trees but which are preserved or transplanted,  
6 except those trees located in preserve areas, may be utilized  
7 to satisfy tree replacement requirements, subject to the  
8 conditions stated in Sections 656.1207 and 656.1213(b) and  
9 (d).

10 (~~4~~16) New, preserved nonprotected, or transplanted exceptional  
11 specimen trees or live oaks used as replacement for removed  
12 exceptional specimen trees or protected live oaks shall be  
13 four-inch caliper or greater.

14 (~~5~~17) Existing protected trees which would otherwise be removed  
15 from the site because of development, may be utilized to  
16 satisfy tree replacement requirements if transplanted to a  
17 location on the site which meets the requirements of Sections  
18 656.1207 and 656.1213(b) and (d).

19 (~~6~~18) If protected tree removal is associated with new  
20 development, the name, size and location of all replacement  
21 trees shall be shown on the required landscape plan and such  
22 trees shall be installed prior to the final building  
23 inspection. Otherwise, the name, size and location of the  
24 required replacement trees shall be shown on the site plan  
25 required for site clearing or tree removal and such trees shall  
26 be installed within the time limit stated on the site clearing  
27 or tree removal permit.

28 (~~7~~19) Existing nonprotected trees, transplanted trees and new  
29 trees used for replacement become protected trees.

30 (~~8~~20) Replacement trees shall be maintained pursuant to the  
31 requirements of Section 656.1212.

1       (~~9~~21) Replacement trees may be used to satisfy the tree  
2           requirements of Subpart C, landscaping requirements.

3       (~~22~~0)     A tree used for replacement shall be at least ten feet from  
4           any other tree planted, transplanted or preserved. Greater  
5           spacing may be required, based on a tree survey, to ensure  
6           survivorship of a tree.

7       (~~11~~23) Replacement trees shall be suitable to the site at which  
8           they are planted as determined by the Chief.

9       (~~12~~24) Replacement trees for protected trees larger than 11.5  
10          inches DBH shall be shade trees as required by Article 25 of  
11          the Charter of the City of Jacksonville, *Minimum Standards for*  
12          *Tree Protection, Conservation and Mitigation During*  
13          *Development.*

14       (~~13~~25) Trees planted within an area of an onsite wetland created  
15          for mitigation of wetlands removed or relocated on the same  
16          site may be used satisfy the requirements of this Subpart.

17       

#### (h) Tree Fund Contribution.

18       ~~(14)~~(1)     If the applicant demonstrates to the satisfaction of  
19           the Chief that the site cannot accommodate the total number  
20           of required replacement trees as a result of insufficient  
21           planting area, the applicant shall provide a monetary  
22           contribution to the Tree Protection and Related Expenses Trust  
23           Fund. The amount of such contribution shall be determined as  
24           follows:

25           (i) For every two caliper inches, or fraction thereof, of  
26           woody replacement trees which would otherwise be required, the  
27           contribution shall be equal to the retail value of a planted  
28           two-inch caliper nursery grown shade tree.

29           (ii) The retail value shall be calculated by taking the  
30           average of the median current wholesale price, published by

1 North Florida nurseries, for a container grown, and a balled  
2 and burlapped two-inch caliper live oak, multiplied by two.

3 (iii) The retail value shall be recalculated and adjusted  
4 annually on October first.

5 (iv) Calculation of payment for removal of a protected palm  
6 is as follows: every 1 foot, or fraction thereof, of protected  
7 palm removed is equivalent to 1-inch in caliper.

8 ~~(15)~~ (i) As an alternative to providing a monetary contribution to  
9 the Tree Protection and Related Expenses Trust Fund, an applicant  
10 may, under the conditions set forth in this subsection, provide  
11 mitigation in certain off-site locations. In such cases, the  
12 applicant shall install the required replacement trees at another  
13 location (the "alternative site") which is not a residential lot  
14 and which meets all of the following criteria:

15 \* \* \*

16 ~~(16)~~ (j) As a further alternative to providing a monetary  
17 contribution to the Tree Protection and Related Expenses Trust  
18 Fund, an applicant may, in limited circumstances and under the  
19 conditions set forth in this subsection, provide mitigation of the  
20 required mitigation amount through conveyance of certain lands to  
21 the City of Jacksonville. A conveyance of land in lieu of a monetary  
22 contribution to the Tree Protection and Related Expenses Trust  
23 Fund, must meet all of the following criteria:

24 \* \* \*

25 **Section XX. Amending Sec. 656.1208 (Enforcement; violations**  
26 **and penalties; stopping work, correction of violation.) Subpart B**  
27 **(Tree Protection), Part 12 (Landscape and Tree Protection**  
28 **Regulations), Chapter 656 (Zoning Code), Ordinance Code. Section**  
29 **656.1208, Ordinance Code, is hereby amended to read as follows:**

30 **CHAPTER 656 - ZONING CODE**

31 \* \* \*

**PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS**

\* \* \*

**SUBPART B. - TREE PROTECTION**

\* \* \*

**Sec. 656.1208. Enforcement; violations and penalties; stopping work, correction of violation.**

\* \* \*

(c) *Correction of violation.* A violation of this Subpart shall be corrected as follows:

- (1) When there is work done without a permit, the property owner shall pay the permit fee due the City for the work, which permit fee shall be twice the amount of the regular permit fee specified in Section 320.409 (a) (15) which would have been due had the permit been obtained prior to commencing work, and by replacing the protected trees removed without a permit with new planted trees, unprotected trees or transplanted trees. The total caliper inches of the replacement woody trees shall equal to twice the amount of total caliper inches that would have been required to be planted, pursuant to Section 656.1206(h). The total CT height of replacement palms shall also be equal to twice the amount of CT height of palm that would have been required to be planted. The property owner shall also submit a tree replanting plan showing how the damage caused to the site by the violation will be mitigated shall be subject to the review and approval of the Chief and the trees installed within the time limit stated on the permit. Replacement trees shall meet the requirements of Section 656.1206, except that the minimum caliper of all replacement trees shall be four inches, the minimum size of palms shall be 8 feet CT height, and the plan shall meet

1 the requirements of Section 656.1217, to the extent  
2 applicable; or

3 (2) When there is no permit, the violator shall pay the permit  
4 fee due the City for the work, which permit fee shall be  
5 twice the amount of the regular permit fee specified in  
6 Section ~~320.408(a)(15)~~320.409(a)(15), which would have  
7 been due had the permit been obtained prior to commencing  
8 work, and by making a contribution to the Tree Protection  
9 and Related Expenses Trust Fund to compensate for each  
10 replacement tree which is not planted. The amount of such  
11 contribution shall be twice the required amount, pursuant  
12 to the formula described in Section 656.1206(h) ~~(14)~~. For  
13 each subsequent violation by the property owner, the amount  
14 of such contribution shall be triple the required amount,  
15 pursuant to the formula described in Section  
16 656.1206(h) ~~(14)~~.

17 (3) When there has been a permit issued for the proposed work,  
18 any property owner who removes more caliper inches of woody  
19 tree, or more CT height in feet of palm than the number of  
20 caliper inches or CT or overall height, as the case may  
21 be, approved in their permit as identified in the final  
22 landscape inspection is required to pay triple the required  
23 amount for those caliper inches or CT height or overall  
24 height in feet that were not permitted pursuant to the  
25 formula described in Section 656.1206(h) ~~(14)~~.

26 (4) If the site has been cleared and the trees have been removed  
27 from the site so that the Chief is unable to determine with  
28 reasonable certainty the number of protected trees removed  
29 in violation of this Subpart, the violation shall be  
30 corrected by making a contribution to the Tree Protection  
31 and Related Expenses Trust Fund equal to \$50,000 per acre,

1 or fraction thereof per each acre, of land cleared, which  
2 fine shall be assessed by the Chief. In the event the Chief  
3 assesses such a fine, the Chief shall provide the following  
4 information in the Notice of Violation, pursuant to  
5 subsection (a), to the property owner: the amount of acres  
6 presumed to be impacted by the site clearing without a  
7 permit, the total fine assessed, and any other information  
8 or documents the Chief relied upon to calculate the fine  
9 ("preliminary assessment of fine"). The property owner  
10 shall have the ability to appeal the preliminary assessment  
11 of fine as follows:

12 (i) The property owner has the burden of proving the  
13 preliminary assessment of fine should be reduced. The  
14 property owner shall have 30 days from the receipt of  
15 the Notice of Violation to dispute the assessment. The  
16 notice of dispute shall be in writing and sent to the  
17 Chief via electronic mail and by either hand delivery  
18 or certified mail, and contain the following  
19 information (if applicable): evidence of the species  
20 of trees removed, the total woody caliper inches, or  
21 CT or overall height in feet of palm removed, the  
22 application of any exception or exemption to the trees  
23 removed as provided for in this Part, and any other  
24 relevant information used to dispute the preliminary  
25 assessment of fine. All evidence relied upon to  
26 support the dispute, including expert analysis and  
27 geographical data, shall also be provided in the  
28 notice of dispute.

29 \* \* \*

30 **Section 3. Amending Sec. 656.1211 (Florida-Friendly**  
31 **Landscape and Irrigation design standards.)**

CHAPTER 656 - ZONING CODE

\* \* \*

PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS

\* \* \*

SUBPART C. - LANDSCAPING REQUIREMENTS

\* \* \*

Sec. 656.1211. Florida-Friendly Landscape and Irrigation design standards.

\* \* \*

- (c) Trees, excluding palm trees, which are larger than the minimum size may be credited as indicated in Table 1. A minimum of 50 percent of all required trees shall be shade trees.
- (d) Trees required for vehicular use area landscaping may be used to fulfill the tree requirements of this Section.
- (e) Standards for landscape materials.

\* \* \*

(3) *General criteria for trees:* Trees shall be a species having an average mature crown spread of no less than 15 feet in northeast Florida. Trees having a mature crown spread of less than 15 feet, if grouped to create an equivalent 15 foot spread, may be substituted for the required tree. Single-trunk trees shall be a minimum of two inch caliper and a minimum of ten feet overall height. Multi-trunk trees shall be a minimum of three trunks eight feet high. Trees shall be planted in no less than 16 square feet of planting area, with a minimum dimension of four feet on any side. Trees shall not be planted closer than two feet from any pavement edge or right-of-way line,

1 as measured from center of trunk. Architectural  
2 planters for trees shall be no less than four feet by  
3 four feet in width and no less than 24 inches deep.  
4 Credits for the use of trees larger than the minimum  
5 size will be calculated as indicated in Table 1.  
6 Fractional measurements shall be attributed to the  
7 next lowest category.

8 (i) *Shade trees:* Shade trees shall be a species having an  
9 average mature crown spread of no less than 30 feet;  
10 provided, trees having an average mature crown spread  
11 of less than 30 feet may be grouped so as to create  
12 a total average mature crown spread of no less than  
13 30 feet and used in lieu of a shade tree. Shade trees  
14 at the time of planting shall be a minimum of two  
15 inch caliper and ten feet high. Shade trees shall be  
16 planted in no less than 150 square feet of planting  
17 area, with a minimum dimension on any side of eight  
18 feet. Shade trees shall not be planted closer than  
19 four feet from any pavement edge or right-of-way line,  
20 as measured from center of trunk. Those species of  
21 trees whose roots are known to cause damage to  
22 pavement shall not be planted closer than six feet to  
23 such pavement.

24 (ii) *Palm trees:* Palms shall be a minimum ~~clear trunk~~ CT  
25 height of eight feet, measured from the ground level  
26 to the base of the palm fronds. Palms may be  
27 substituted for the required trees at the ratio of  
28 two palms for each required tree or four palms for  
29 each required shade tree, except as provided below  
30 for Phoenix Palm. Each palm shall be planted in no  
31 less than 16 square feet of planting area, with a



1 minimum dimension of four feet. Phoenix Palm may be  
2 used as a non-shade tree without meeting the ratios  
3 for other types of palms if the palm has a fifteen  
4 foot spread at maturity and a minimum ~~clear trunk~~ CT  
5 height of eight feet.

6 \* \* \*

7 **Sec. 656.1213. Credit for existing trees and understory.**

8 Whenever the provisions of this Subpart require trees and other  
9 landscaping, such requirement may be satisfied by the preservation  
10 of existing trees and understory, located in uplands or upland buffer  
11 areas, as specified herein, provided all other requirements are met.  
12 Trees planted in wetlands and wetland creation areas may also be  
13 credited toward mitigation pursuant to Section ~~656.1206(h)(13)~~  
14 656.1206(e)(13).

15 (a) Existing trees, **except palm trees**, may be used to satisfy any  
16 requirement for trees pursuant to Table 1.  
17

\* \* \*

Table 1.  
Tree and Understory Vegetation Credits-  
Landscape Regulations

Table 1 identifies credits for landscaping under Subpart C only. Table 1 does not identify credits for mitigation required by Subpart B.

Tree Credits for <u>Required Trees</u> by using Existing Trees		Tree Credits for <u>Required Trees</u> by using New Trees	
Trunk DBH	No. of Trees Credited	Single Trunk Trunk Caliper	No. of Trees Credited
2 inch and above	1	2 inch and above	1
4 inch and above	2	4 inch and above	2
6 inch and above	3	6 inch and above	3
12 inch and above	4		
18 inch and above	4		

<del>Tree Credits for Existing Trees</del>		<del>Tree Credits for New Trees</del>	
Trunk DBH	No. of Trees Credited	Multi-Trunk Tree Height	No. of Trees Credited
24 inch and above	6	8 feet	1
30 inch and above	7	12 feet	2

\* \* \*

**Section XX. Directive to the Codifiers.** In Section 656.1203, place both existing and new definitions in alphabetized order.

**Section XX. Effective Date.** This ordinance shall become effective upon signature by the Mayor or upon becoming effective without the Mayor's signature.

Form Approved:

\_\_\_\_\_  
Office of General Counsel

Legislation prepared by: Susan C. Grandin



## TREE MITIGATION CITY OF JACKSONVILLE



### TREE REMOVAL PERMIT INFORMATION

*Click here to search detailed information on Site Clearing and Tree Removal Permits. In reviewing tree removal information on a specific permit, for "B" permits click on the Spec 2 tab; for "L" permits click on the Tree Mitigation tab.*



### TREE FUND CITY PLANTING PROJECTS

*Click here to search detailed information about City Tree Fund Planting Projects.*



### AVAILABLE FOR APPROPRIATION

15F (Ordinance): \$8,357,991.82  
15N (Charter): \$7,638,355.51  
Better Jacksonville Plan - Tree Mitigation Project: \$1,717,826.00  
**Total: \$17,714,173.33**



### FILE AN ISSUE

*Click here to report site clearing or tree removal without a permit, or to request tree maintenance on public property. In the CARE System, select "Tree Remove or Landscape Violation" from the dropdown.*

*Disclaimer: The AVAILABLE FOR APPROPRIATION information shown on this page is updated nightly from the City's financial records, but does not include any pending appropriations, or other financial transactions of the funds which have not been completed.*



If you experience difficulty viewing or accessing the documents provided on this site, or navigating this application's table features, using any assistive technology please contact the Disabled Services Division at 904-630-4940 or 904-630-4933 (TTY) to request an accommodation.

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Version: 1.0.0.6

**City of Jacksonville**  
**Tree Commission**  
**Financials Combined**  
**August 15, 2022**

<u>Cash</u>	\$ 33,791,228.86
<u>Accounts Payable</u>	\$ -
<u>Fund Balance</u>	\$ (25,100,556.30)
YTD Gain\Loss	\$ (8,690,672.56)
Adjusted Fund Balance	<u>\$ (33,791,228.86)</u>

	<u>Actuals</u>		<u>Budget</u>
	<u>22-Aug</u>	<u>YTD</u>	<u>YTD</u>
<u>Revenues</u>	\$ 72,290.00	\$ 11,617,559.52	\$ 8,400,127.00
<u>Expenses</u>	\$ (15,770.75)	\$ 2,483,664.06	\$ 23,979,577.00
Better Jacksonville Project 1717826			\$ 1,717,826.00
Budgeted Reserve			\$ 3,701,030.00
<u>Net</u>	<u>\$ 88,060.75</u>	<u>\$ 9,133,895.46</u>	<u>\$ (15,579,450.00)</u>

<b>Available Balance Total</b>	<u><u>\$ 17,714,171.92</u></u>	<b>Unappropriated Funds</b>
--------------------------------	--------------------------------	-----------------------------



**City of Jacksonville**  
**Tree Commission**  
**Ordinance - 15304 - Tree Protection & Related Expenditures**  
**August 16, 2022**

**Equity in Pooled Cash**                      \$ 26,107,275.78

**Accounts Payable**

**Fund Balance**                                  \$ (18,126,381.08)  
 YTD Gain\Loss                                 \$ (7,980,894.70)  
 Adjusted Fund Balance                      \$ (26,107,275.78)

	Actuals		Budget
	22-Aug	YTD	YTD
<b><u>Revenues</u></b>	\$ 48,930.00	\$ 10,907,781.66	\$ 8,400,127.00

NOTE: Increase in YTD is related to Fund Balance transfer for BT ORD 22-415  
 in the amount of \$6,000,000.00

<b><u>Expenses</u></b>	\$ (15,770.75)	\$ 2,483,664.06	\$ 23,933,978.23
Budget Reserve			\$ 3,701,030.00
<b><u>Net</u></b>	<u>\$ 64,700.75</u>	<u>\$ 8,424,117.60</u>	<u>\$ (19,234,881.23)</u>

**Available Balance Total**                      \$ 8,357,991.61                      Unappropriated 15304 Funds

**City of Jacksonville**  
**Tree Commission**  
**Charter - 15305- Tree Mitigation & Related Expenditures**  
**August 16, 2022**

Equity in Pooled Cash                      \$ 7,683,953.08

Accounts Payable

Fund Balance                                      \$ (6,974,175.22)  
 YTD Gain\Loss                                      \$ (709,777.86)  
 Adjusted Fund Balance                              \$ (7,683,953.08)

	Actuals		Budget
	22-Aug	YTD	YTD
<u>Revenues</u>	\$ 23,360.00	\$ 709,777.86	
<u>Expenses</u>	\$ -		\$ 45,598.77
<u>Net</u>	<u>\$ 23,360.00</u>	<u>\$ 709,777.86</u>	<u>\$ (45,598.77)</u>

**Available Balance Total**                      \$ 7,638,354.31                      Unappropriated 15305 Funds

		FY22	FY 22	Open	Remaining
Budget Balance of Appropriated Expenditures		Budget	Expenditures	Purchase Orders	Balance
Center	Activity				
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000189-5Th & Cleveland Ash Site Tree Planting	6,593.80	-	6,593.80	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000275-Brown's Dump Ash Site Tree Planting	884.25	-	884.25	-
<b>151004-PWOD Tree Mitigation &amp; Related Expenses - Conservation and Resource Manag</b>	<b>00000378-County-Wide Tree Prog-Right Of Way (Remove &amp; Replace</b>	<b>2,192,787.27</b>	<b>981,372.88</b>	<b>773,072.49</b>	<b>438,342</b>
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000429-Duval County School Board Property	92,243.50	-	-	92,244
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000541-Hammond Blvd Project	35,140.70	8,237.90	16,619.80	10,283
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000604-Intersec,Bridge,Misc 09-10 Landscaping	18,467.68	-	-	18,468
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000651-King St Planting College To Park	8,724.53	-	8,724.53	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00000744-North Main Street Landscaping	9,155.68	-	-	9,156
<b>151004-PWOD Tree Mitigation &amp; Related Expenses - Conservation and Resource Manag</b>	<b>00000982-Tree Protection &amp; Related Expenses</b>	<b>1,436,949.08</b>	<b>-</b>	<b>-</b>	<b>1,436,949</b>
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001035-Mandarin Road Tree Planting	74,601.00	-	-	74,601
<b>151004-PWOD Tree Mitigation &amp; Related Expenses - Conservation and Resource Manag</b>	<b>00001036-Springfield Preservation Tree Planting</b>	<b>220,408.45</b>	<b>8,822.37</b>	<b>369.41</b>	<b>211,217</b>
<b>151004-PWOD Tree Mitigation &amp; Related Expenses - Conservation and Resource Manag</b>	<b>00001315-Level 2 Tree Planting Program</b>	<b>12,434,789.19</b>	<b>956,565.46</b>	<b>1,848,220.14</b>	<b>9,630,004</b>
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001316-Moncrief Rd Beautification Project	180,705.21	13,455.11	27,011.48	140,239
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001345-District 8 Tree Planting	52,767.40	52,767.40	-	-
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001606-Sulzbacher Village Level 3 Tree Planting	20,752.30	2,594.90	7,769.90	10,388
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	00001607-Hugenot Park Level 3 Tree Planting	<b>72,207.20</b>	-	<b>72,207.20</b>	-
<b>151004-PWOD Tree Mitigation &amp; Related Expenses - Conservation and Resource Manag</b>	<b>00001623-Level 3 Tree Planting Program</b>	<b>825,213.40</b>	<b>10,888.85</b>	<b>265,073.90</b>	<b>549,251</b>
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag	All Activity Values	17,682,390.64	2,034,704.87	3,026,546.90	12,621,138.87
151016-PWOD Forrest Street Ash Site Tree Planting - Conservation and Resource Mg	All Activity Values	5,994.50	-	5,994.50	-
<b>151132-PWOD County-Wide Tree Prog-Active Parks - Conservation and Resource Manag</b>	<b>All Activity Values</b>	<b>532,545.04</b>	<b>-</b>	<b>-</b>	<b>532,545</b>
<b>151135-PWOD County-Wide Tree Prog-Preservation Parks - Conservation and Resource</b>	<b>All Activity Values</b>	<b>514,854.00</b>	<b>-</b>	<b>-</b>	<b>514,854</b>
154006-PWML Tree Maintenance - Other Physical Environment	All Activity Values	373,253.63	120,037.94	244,035.89	9,180
<b>154007-PWML 630-City Tree Planting Prog - Other Physical Environment</b>	<b>All Activity Values</b>	<b>1,517,703.84</b>	<b>224,898.36</b>	<b>734,740.04</b>	<b>558,065</b>
154008-PWML Patton Rd And Beach Blvd Tree Planting - Conservation and Resource M	All Activity Values	9,428.34	9,428.34	-	-
<b>154009-PWML Zoo Landscaping-Asian Exhibit - Conservation and Resource Management</b>	<b>All Activity Values</b>	<b>1,031,432.38</b>	<b>-</b>	<b>-</b>	<b>1,031,432</b>
<b>191015-JXSF Conservation and Resource Management</b>	<b>00000981-Tree Protection &amp; Related Expenditures-Activity</b>	<b>2,266,375.86</b>	<b>-</b>	<b>-</b>	<b>2,266,376</b>
All Center Values	All Activity Values	23,933,978.23	2,389,069.51	4,011,317.33	17,533,591.39
<b>153104-PWCP Public Works Capital Projects - Road and Street Facilities</b>	<b>Better Jacksonville Plan Project 008449</b>	<b>1,717,826.00</b>			<b>1,717,826</b>





COJ PL - Modified Accrual

## Trial Balance Report

**Ledger** COJ PL - Modified Accrual

**Fund** 15304 Tree Protection & Related Expenditures

Account	Description	Beginning Balance (USD)	Deb (US)
104001	Equity in Pooled Cash Account	27,525,710.22	6,867,377.
104999	Cash Clearing	-3,106,101.02	6,122,955.
201101	Vouchers Payable Account	-289,151.74	5,559,744.
216101	Accrued Payroll Payable	-4,076.38	13,323.
243101	Fund Balance - Reserve for	0.00	314,190.
284101	Fund Balance - Unassigned Account	-24,126,381.08	6,000,000.
343750	Tree Mitigation Funds - Article 25	0.00	19,872.
361101	Investment Pool Earnings	0.00	85,394.
366020	Contributions From Private Sources	0.00	230,781.
369400	Contribution-Loss Deductible	0.00	0.
381910	Interfund - Transfer In	0.00	0.
389010	Transfer From Fund Balance	0.00	0.
512010	Permanent and Probationary Salaries	0.00	53,784.
515100	Lump Sum Payment - Not Pensionable	0.00	2,500.
521020	Medicare Tax	0.00	797.
522070	Disability Trust Fund-ER	0.00	161.
522130	GEPP Defined Contribution DC-ER	0.00	6,292.
523010	Group Dental Plan	0.00	144.
523030	Group Life Insurance	0.00	63.
523040	Group Hospitalization Insurance	0.00	6,942.
524001	City Employees Worker's Compensation	0.00	3,209.
545020	General Liability Insurance	0.00	274.
549006	Trust Fund Authorized Expenditures	0.00	5,503,959.
549032	Clothing, Clean, Shoe Transfer Allow	0.00	140.
<b>Total for Fund 15304 Tree Protection &amp; Related Expenditures</b>		<b>0.00</b>	<b>30,791,908.</b>

its (D)	Credits (USD)	Ending Balance (USD)
91	7,458,355.74	26,934,732.39
51	3,844,311.10	-827,456.61
14	5,270,592.40	0.00
08	9,246.70	0.00
70	314,190.70	0.00
00	0.00	-18,126,381.08
		-7,980,894.70
		-26,107,275.78
00	430,084.20	-410,212.20
04	141,643.66	-56,249.62
00	4,209,443.00	-3,978,662.00
00	17,222.94	-17,222.94
00	2,212.00	-2,212.00
00	6,000,000.00	-6,000,000.00
		-10,464,558.76
01	10,773.03	43,010.98
00	2,500.00	0.00
88	155.10	642.78
37	32.32	129.05
76	1,260.43	5,032.33
63	24.63	120.00
57	10.92	52.65
81	1,066.65	5,876.16
20	0.00	3,209.20
20	0.00	274.20
40	3,078,782.69	2,425,176.71
00	0.00	140.00
	2,483,664.06	
21	30,791,908.21	-7,980,894.70

26,107,275.78

-18,126,381.08

-7,980,894.70

-26,107,275.78

Adjusted Fu

2,483,664.06

and Balance

# Trial Balance Report

Ledger COJ PL - Modified Accrual

Fund 15305 Tree Mitigation & Related Expense

Account	Description	Beginning Balance (USD)	Deb (US)
104001	Equity in Pooled Cash Account	7,203,684.71	753,044.
104999	Cash Clearing	-229,509.49	237,980.
201101	Vouchers Payable Account	0.00	5,150.
284101	Fund Balance - Unassigned Account	-6,974,175.22	0.
343750	Tree Mitigation Funds - Article 25	0.00	15,425.
361101	Investment Pool Earnings	0.00	24,519.
<b>Total for Fund 15305 Tree Mitigation &amp; Related Expense</b>		0.00	1,036,119.

End of Report

its (D)	Credits (USD)	Ending Balance (USD)		
07	272,775.70	7,683,953.08	7,683,953.08	
98	8,471.49	0.00		
00	5,150.00	0.00		
00	0.00	-6,974,175.22	-6,974,175.22	
		-709,777.86	-709,777.86	
		-7,683,953.08	-7,683,953.08	Adjusted Fund Balance
00	709,081.50	-693,656.50		
72	40,641.08	-16,121.36		
77	1,036,119.77	-709,777.86		



104000-Equities In Pooled Cash		
284000-Fund Balances - Unassigned		
300000-Revenues	-56249.62	
500000-Expenditures	-3978662	
	-17222.94	
		-2212
		-6000000

15304-Tree Protection & Related Expenditures  
 COJ PL - Modified Accrual  
 All Center Values  
 All Project Values  
 All Activity Values  
 All Interfund Values  
 All Future Values  
 Actual-US  
 Ending Balance-US  
 Year-to-Date-US  
 USD - US Dollar  
 Total-US  
 July 2022

26,934,732.39	26,300,840.65
-827,456.61	(24,126,381.08)
	(4,121,155.34)
	1,946,695.77



15304-Tree Protection & Related Expenditures  
COJ PL - Modified Accrual  
All Center Values  
All Project Values  
All Activity Values  
All Interfund Values  
All Future Values  
Actual-US  
Ending Balance-US  
Year-to-Date-US  
USD - US Dollar  
Total-US  
June 2022

26,203,664.54  
(24,126,381.08)  
(4,063,105.34)  
1,985,821.88

15305-Tree Mitigation & Related Expense  
COJ PL - Modified Accrual  
All Center Values  
All Project Values  
All Activity Values  
All Interfund Values  
All Future Values  
Actual-US  
Ending Balance-US  
Year-to-Date-US  
USD - US Dollar  
Total-US  
July 2022

7,613,751.18  
(6,974,175.22)  
(639,575.96)  
-

15305-Tree Mitigation & Related Expense	
COJ PL - Modified Accrual	
All Center Values	
All Project Values	
All Activity Values	
All Interfund Values	
All Future Values	
Actual-US	
Period Activity-US	
Period-to-Date-US	
USD - US Dollar	
Total-US	
July 2022	
	2,960.00
	-
	(2,960.00)
	-

15304-Tree Protection & Related Expenditures

COJ Detail Budget

All Center Values

All Project Values

All Activity Values

All Interfund Values

All Future Values

Year-to-Date

Total Budget

Jul-22

300000-Revenues

8,400,127.00

500000-Expenditures

23,933,978.23

15304-Tree Protection & Related Expenditures

COJ Detail Budget

All Center Values

All Project Values

All Activity Values

All Interfund Values

All Future Values

Period-to-Date

Total Budget

Jul-22

8,000,000.00

8,000,000.00

15305-Tree Mitigation & Related Expense

COJ Detail Budget

All Center Values

All Project Values

All Activity Values

All Interfund Values

All Future Values

Year-to-Date

Total Budget

Jul-22

-

45,598.77

15305-Tree Mitigation & Related Expense

COJ Detail Budget

All Center Values

All Project Values

All Activity Values

All Interfund Values

All Future Values

Period-to-Date

Total Budget

Jul-22

0

#Missing

151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag  
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag  
151004-PWOD Tree Mitigation & Related Expenses - Conservation and Resource Manag  
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151016-PWOD Forrest Street Ash Site Tree Planting - Conservation and Resource Mg  
151016-PWOD Forrest Street Ash Site Tree Planting - Conservation and Resource Mg

151132-PWOD County-Wide Tree Prog-Active Parks - Conservation and Resource Manag  
151132-PWOD County-Wide Tree Prog-Active Parks - Conservation and Resource Manag

151135-PWOD County-Wide Tree Prog-Preservation Parks - Conservation and Resource  
151135-PWOD County-Wide Tree Prog-Preservation Parks - Conservation and Resource

154006-PWML Tree Maintenance - Other Physical Environment  
154006-PWML Tree Maintenance - Other Physical Environment

154007-PWML 630-City Tree Planting Prog - Other Physical Environment  
154007-PWML 630-City Tree Planting Prog - Other Physical Environment

154008-PWML Patton Rd And Beach Blvd Tree Planting - Conservation and Resource M  
154008-PWML Patton Rd And Beach Blvd Tree Planting - Conservation and Resource M

154009-PWML Zoo Landscaping-Asian Exhibit - Conservation and Resource Management  
154009-PWML Zoo Landscaping-Asian Exhibit - Conservation and Resource Management

191015-JXSF Conservation and Resource Management  
191015-JXSF Conservation and Resource Management





00000981-Tree Protection & Related Expenditures-Activity  
All Activity Values

500000-Expenditures  
500000-Expenditures

15304-Tree Protection & Related Expenditures  
 COJ Detail Budget  
 All Project Values  
 All Interfund Values  
 All Future Values  
 Year-to-Date  
 Total Budget  
 Jul-22

15304-Tree Protection & Related Expenditures  
 COJ Detail Budget  
 All Project Values  
 All Interfund Values  
 All Future Values  
 Year-to-Date  
 Expenditures  
 Jul-22

6,593.80	-
884.25	-
2,192,787.27	869,478.12
92,243.50	-
35,140.70	8,237.90
18,467.68	-
8,724.53	-
9,155.68	-
1,436,949.08	-
74,601.00	-
220,408.45	8,822.37
12,434,789.19	736,962.27
180,705.21	13,455.11
52,767.40	52,767.40
20,752.30	517.40
72,207.20	-
825,213.40	10,888.85
17,682,390.64	1,701,129.42
5,994.50	-
5,994.50	-
532,545.04	-
532,545.04	-
514,854.00	-
514,854.00	-
373,253.63	161,646.87
373,253.63	161,646.87
1,517,703.84	199,503.12
1,517,703.84	199,503.12
9,428.34	9,428.34
9,428.34	9,428.34
1,031,432.38	-
1,031,432.38	-

2,266,375.86

-

2,266,375.86

-

15304-Tree Protection & Related Expenditures  
 COJ Detail Budget  
 All Project Values  
 All Interfund Values  
 All Future Values  
 Year-to-Date  
 Commitment  
 Jul-22

15304-Tree Protection & Related Expenditures  
 COJ Detail Budget  
 All Project Values  
 All Interfund Values  
 All Future Values  
 Year-to-Date  
 Obligation  
 Jul-22

-	6,593.80
-	884.25
-	917,848.21
-	-
-	16,619.80
-	-
-	8,724.53
-	-
-	-
-	369.41
121,345.16	1,677,893.37
-	27,011.48
-	-
-	9,847.40
-	72,207.20
-	265,073.90
121,345.16	3,003,073.35
-	5,994.50
-	5,994.50
-	-
-	-
-	-
-	-
-	195,275.40
-	195,275.40
-	760,135.28
-	760,135.28
-	-
-	-
-	-
-	-



15304-Tree Protection & Related Expenditures

COJ Detail Budget

All Project Values

All Interfund Values

All Future Values

Year-to-Date

Funds Available

Jul-22

-
-
405,460.94
92,243.50
10,283.00
18,467.68
-
9,155.68
1,436,949.08
74,601.00
211,216.67
9,898,588.39
140,238.62
-
10,387.50
-
549,250.65
12,856,842.71
-
-
532,545.04
532,545.04
514,854.00
514,854.00
16,331.36
16,331.36
558,065.44
558,065.44
-
-
1,031,432.38
1,031,432.38

2,266,375.86

2,266,375.86

17,776,446.79